North Time Pro is widely recognised as one of the UK's leading provider of workforce management solutions.
Our philosophy is simple: long-term reliability, enhanced functionality and continuous innovation.

Modules include:

Personnel, Absence Management, Attendance, Access Control, Asset Management, Job Costing, Cost Centre Analysis, Fire Alarm Roll Call, ADP (Attendance Display Panel), Reports, Mobile Worker, To-do List & Dashboards, Payroll Interface, ESS, TWC, Roster Module and GDPR.

Introduction

NTD is recognised as one of the leading suppliers of workforce management solutions. With more than 700 installations across both NI & ROI, the North Time & Data name is synonymous with reliability, functionality and innovation.

We employ a full-time, NI based team, that has been developing workforce management hardware and software for over 32 years. We can install systems efficiently, train your staff and provide unrivalled support. We also listen to every customer to find out how we can improve our product and services.

North Time Pro is our core product and includes many exciting new features. So whether your organisation is a large multi-site operation or a workshop with only a few staff, we believe that our product is the correct choice for you.

> “Strategic partnerships play an instrumental role in our continued success...”

Stephen Brown

Managing Director - North Time & Data Ltd

NTD
NORTH TIME & DATA
www.ntdltd.com

Current North Time Pro customers include:

case study

NTD installs new facial recognition system across all Foyle Food Group sites

NTD (North Time Data Ltd) has successfully installed over 30 state-of-the-art biometric facial recognition terminals for leading beef and lamb suppliers Foyle Food Group.

Spanning six sites in Northern Ireland, Republic of Ireland and England, the new systems were part of a significant investment strategy by the group, into a more comprehensive employee time management system.

Praising the installation of the new facial recognition system, Leslie Otterson, HR Manager at the Foyle Food Group said: "As a growing business with over 1,100 staff, we needed a time management system that would deliver accurate, real-time data. We needed a supplier that had a dedicated and reactive support facility. Teaming this with a first-class, robust system for monitoring employee time across our six locations; we knew that NTD were to be our preferred partner.

"North Time Pro works beautifully," added Leslie. "All our employees need to do is stand in front of the system and it clocks them in and out in an instant. We also like that the system is touchless, since hygiene is especially important in our business. No keypads, fobs or touchpads needed.

"The accuracy and dependability of the system makes it easy for employees to use, and their affordability and seamless integration with our payroll software makes it a smart solution for our business." Managing Director of NTD, Stephen Brown, explained how the system works: "The North Time Pro system uses facial recognition technology for managing time and attendance and access control.

The wall-mounted terminal uses ground-breaking and innovative 3D-imaging technology to identify employees, enhance security and eliminate "buddy punching," a costly expense for companies when employees clock in and out for each other. Employees simply look at the device and within two seconds, they are identified, clocked in/out or admitted into secure locations.

"The system really is foolproof. It supports single or multiple terminals in local or remote locations, ideal for the Foyle Food Group. All data collected from the terminal is sent back to our North Time Pro software that allows for the editing of data, the running of reports along with the setup of exports to popular payroll providers. In addition, our North Time Pro software also incorporates HR, Absence Management, Asset Management and Employee Self Service; making North Time Pro a viable option for Foyle Food Group"

"However the main advantages are that it helps businesses save time and money. It reduces time theft from late arrivals, early departures, over-extended breaks and eliminates unauthorised overtime. North Time Pro also calculates hours automatically meaning no manual calculations are needed which as a result eliminates the option of human error and also saves time."

As with the Foyle Food Group, the North Time Pro terminals can also be customised to allow for installation in wash down areas.

Leslie Otterson

Foyle Food Group

Installation Date	2015
Number of Sites	6
Number of Facial Recognition Terminals	32
Approx number of staff	1100
Payroll Link	Yes
Software Clients	50

case study

NTD provides one software solution allowing for time management and access control combined

"In 2011 we identified the need for a method in which to monitor employee hours more accurately along with the need to restrict personnel from entering certain areas within our office and factory areas. From completing some research on who can satisfy our needs we came across NTD as they were able to provide one software solution that would allow for not just time management but also access control combined.

We contacted NTD and they were very helpful from the offset. They came out and provided us with a demonstration of their North Time Pro software and hardware which allowed us to see how it could be customised for Thompson Aero Seating.

THOMPSON
AERO SEATING

NTD provided a very competitive quotation and we decided to choose NTD as our preferred supplier. With over 400 staff it was important we got a system which was right for us that would reduce the level of administration work required to process payroll. Before installation was started a project plan was developed and a specification meeting was carried out in order to ensure the North Time Pro system was setup and configured to our requirements.

To-date we have 10 time and attendance terminals, 42 access control terminals and 4 fire panel terminals. With vast amounts of hardware and customised software it was important that we could enter a maintenance contract that would cover both over the phone and on-site support. Any issues we have, we can contact NTD directly who can assist over the phone and log in remotely to fix the issue, or if it is a hardware fault they can send an engineer out at no additional cost to the maintenance contract.

Overall we feel that choosing NTD was the correct solution and we are adding new terminals every year."

Installation Date	August 2011
Number of Sites	5
Number of employees	Approx. 2000
No of Attendance terminals	20
Attendance registration method	Proximity
No of Access terminals	70
Access control method	Proximity
No of Fire panel terminals	4
Link to Time Management	Yes
Barrier/Turnstiles	4

case study

North Time and Data installs essential student ID production system at Northern Regional College.

Co Antrim business North Time and Data has been working to help speed up and improve ID systems for students at one of Northern Ireland's top colleges.

The Lisburn-based company, which has been in business for 30 years, has been collaborating with Northern Regional College (NRC) to install a new student ID production system.

The firm recommended the Magicard Rio Pro printer to the college, due to the high quality of the print and suitability to the task in hand.

Built for heavy use, the Rio Pro sets the standard for secure ID card printing.

It includes high-capacity hoppers and a fast, reliable print engine that can produce more than 150 high quality, secure, full colour cards each hour.

The Magicard Rio Pro is also compatible with EasyBadge, the software chosen to help create the ID badges. This provides NRC with easy printing and allows a smooth transition from their previous ID system. Nikki Brown from NTD said: "After some discussion with NRC, we knew that the Magicard Rio Pro printer and the EasyBadge software would be the perfect partnership for this particular project.

"NRC needs to be able to design and print several different badges in one go, with each influx of students. We strongly believe this pairing of products will allow them to do exactly that."

The Rio Pro allows users to create their own personal HoloKote on each card they print, meaning fraud is an impossibility.

Angela Dynes, library manager at NRC, said: "At the beginning of the last academic year we decided to upgrade our student ID card production system.

"NTD was able to carry out a smooth installation process in each campus throughout the college by migrating from the old software and providing user training.

"The new system has made it effortless for us to greatly improve upon the production of ID cards for our students as well as bringing about a range of benefits. For example, the filtering options allow for faster processing of bulk cards. We have 20,000 students so it is vital that we have the ability to print cards in high speed capacity.

"The Rio Pro printers were easily installed and have made the tasks required of them so much easier to complete.

"The system is invaluable and allows for easier and faster editing of cards. We have been consistently impressed by the efficiency and simplicity of EasyBadge software and the Magicard Rio Pro printers supplied by NTD."

Being the predecessor of the latest Rio Pro 360, the Magicard Rio Pro sets the industry standard for quality and high-speed ID card printing suitable for education establishments such as Northern Regional College.

NTD supplies the full range of Magicard printers from the value range for a small business to re-transfer printers for organisations with a high-volume demand.

NTD (North Time & Data Ltd) have successfully installed 14 state of the art facial recognition attendance terminals for the Artisan Coffee chain Bob & Berts Ltd.

NTD (North Time & Data Ltd) have successfully installed 14 state of the art facial recognition attendance terminals for the Artisan Coffee chain Bob & Berts Ltd.

In order to accurately control the ever increasing employee costs, North Time & Data were approached to supply a robust time management solution that would accurately record employee attendance and provide the management reports required to accurately monitor time management throughout the company.

With locations throughout Northern Ireland, Bob & Bert's required the backup support from an established time management solutions provider. Not only remote support but local engineers on the ground were a vital requirement for the Bob & Bert's team. With exciting plans for further expansion throughout Northern Ireland and the UK, Bob and Bert's required a scalable solution that would fit in with their rapid development plans. For this reason they decided to opt for a cloud hosted server solution. This meant that the server was hosted on the internet and area management staff would log in to the server via a desktop connection in order to access the system. The attendance terminals at each location are connected to the router at each store locations and talk back to the cloud hosted server.

Delighted with the success of the implementation and roll out across all stores, Operations Manager, Rebekah Phelan added "It is so simple for staff to register attendance. They stand and face the terminal and in less than a second the terminal successfully registers the attendance". The simplicity was hard to believe until you see it in action. The system has allowed us to accurately manage employee attendance and control wages costs."

The system has now been developed to not only register employee attendance but is now also used to control access to secure areas. Employees that are permitted access to the secure area use their face to release the door and gain access. This method of access means staff that leave the business do not require cards or key fobs to be deactivated or lost items having to be replaced.

Rebekah added "we will be looking at some future development of the North Time Pro system into other areas of our business such as payroll integration and automatic email of management reports in the near future."

The team at NTD have been extremely effective and efficient in the response and resolution to any queries that have arisen. I would have no hesitation in recommending them to any business that is interested in a workforce management solution.

David Ferguson
Company Director
Bob & Bert's Ltd

Installation Date	2017
Number of locations	14
Number of Attendance terminals	14 x Facial terminals
Number of Access terminals	1 x Facial/Fingerprint terminal
Cloud Hosted Server solution	Yes
Approx number of staff	250

case study

NTD installs latest facial recognition at Mash Direct.

North Time & Data Ltd, specialist suppliers of state-of-the-art time management systems for workforce monitoring, has installed the latest in their line of biometric facial recognition terminals for one of Northern Ireland's leading FMCG manufacturers.

The firm was tasked by Mash Direct to implement a workforce management system to effectively monitor employee attendance and track working hours.

The installation of four automated turnstiles operated by adjoining facial recognition terminals allows Mash Direct to monitor and control employee movement to and from production lines during working hours.

The facial recognition terminals mandate employees to register their attendance using latest in ground-breaking and innovative 3D-imaging technology. While the system controls access to workstations, it also offers added security measures by restricting the entry of unauthorised personnel.

Commenting on the measurable benefits of the system Stephen Brown, Managing Director, North Time & Data Ltd, said: "For an employer with a significant workforce, an efficient system to calculate employees' working hours for payroll is the one of the key factors to ensure profitability. The installation of the North Time Pro system at Mash Direct's Comber site saves money by saving time.

The system's primary advantages lie in its core functions for tracking worked hours, while also identifying irregularities such as late arrivals, early departures, over-extended breaks and unauthorised overtime."

"Time is money. The challenge is to manage time to ensure profitability" he added.

Louise Wolsey, at Mash Direct, said: "Transitioning from a standard time management system to the North Time & Data facial recognition system was a significant technological improvement for Mash Direct. Within seconds of an employee gazing at one of the facial recognition terminals they are logged as either active or inactive."

"From a HR perspective, the system is indispensable," she explained.

"Real-time data and seamless integration with our current payroll provider allows for accurate data analysis and projections. The system also allows us to export detailed reports and manage absentees and company assets."

"A prompt, responsive and hygienic, hands-free system – a necessity for any FMCG manufacturer – with countless administration and payroll advantages make the North Time & Data system a beneficial addition for employees of Mash Direct at all levels," she concluded.

MASH DIRECT
Cooked fresh on our Farm

North Time & Data previously installed over 30 of its state-of-the-art biometric facial recognition terminals for leading beef and lamb suppliers Foyle Food Group across six sites in 2016.

Louise Wolsey
Mash Direct

Installation Date	2012
Number of Sites	1
Access Control Type	Turnstiles
Link to Time Management	Yes
Approximate Number of Staff	350
Access Control Method	Facial Recognition
Number of Turnstiles	4
Number of Facial terminals	11

case study

Mercury is a European contractor. We build and manage complex engineering projects that reimagine how people work and live in the built environment. As a contractor working across over ten countries with a staff and supply-chain of over 4,500, Mercury required reliable technical assistance and a provider with the flexibility and skills to mould the solution around our complex multi-site requirements.

Following successful meetings, Mercury made a strategic decision to instruct North Time & Data (NTD) to take over the running of our Time Management Solution at a large technology project site in Co. Kildare, Ireland.

Following this, there was a list of requirements and information that Mercury required be retrieved from the time system. NTD was able to produce all the information required and write bespoke scripts to provide this information in automated CSV formats. At Mercury, we use SAP for all back-end payroll processing. We had a requirement for a bespoke payroll export that required daily totals of hours to be extracted for each employee and then imported directly to our SAP system. This has saved a significant amount of time previously spent manually entering hours.

Given the success of the initial site in Ireland, the relationship between Mercury and North Time & Data has developed significantly with North Time Pro's workforce management solutions and biometric clocking terminals now being utilised on numerous large projects across Ireland and continental Europe. These sites include Ireland, Denmark, Poland, Spain & Germany. All information is sent back to a single, central server for data processing.

Over the years, our North Time Pro software has been updated and NTD has assisted Mercury in transitioning from Handpunch clocking terminals to the new range of contactless biometric facial recognition clocking terminals.

Mercury thoroughly recommends North Time & Data as a company and the North Time Pro Workforce management software coupled with the varied range of biometric clocking terminals makes the overall solution an extremely flexible and robust business solution.

Deirdre Gardiner

Office Manager
Mercury Engineering

MERCURY

YOUR VISION, OUR DUTY.

Installation Date	2012
Number of Sites	12
Approximate Number of Staff in System	3000
Number of Attendance Terminals	56

case study

SDC Trailers is one of the largest trailer manufacturers in Europe. With continued investment, SDC has four modern and efficient manufacturing facilities that enables us to offer customers direct control over the entire manufacturing process.

SDC have been a customer of North Time & Data since 2004 when we had the North Time Pro 5 software installed. At that time we utilised mag stripe card technology for staff to register attendance. Since the early days of using the system we have been through a number of software upgrades over the years. Our staff have always been impressed with the functionality of the system along with the new feature developments and improvements. The staff always find it easy to navigate around the new software following an upgrade due to the consistent user interface across all upgrades.

In 2017 following the latest software upgrade, we also took the opportunity to invest in new state of the art biometric attendance terminals. Due to the diverse manufacturer operations, fingerprint recognition technology was not going to be the perfect solution for SDC. For this reason, they decided to implement facial recognition technology. With no requirement for touching the terminal and no issues with fingerprint quality, facial recognition was the ideal solution.

Robert Patton, IT Manager at SDC noted "The seamless integration of the facial recognition technology and level of onsite and remote support provide by NTD made the migration to the new terminals extremely straight forward. The attendance terminals were so successful that we have now integrated our access control system to the North Time Pro software."

Staff now use the same face or fingerprint template to pass through access control doors. The software manages the security side of the system and controls which employees are permitted through the required doors.

Due to the high volume of staff present on each site required an intelligent and robust method for detailing all staff that are present onsite in the event of an evacuation. As all staff register attendance when on site, North Time Pro was the obvious avenue to get this information. SDC implemented a Fire Control terminal at each of their UK sites. This terminal integrates with the Fire Panel onsite and in the event of an evacuation the signal received to the main fire panel is relayed to the North Time Pro fire control terminal and a report is either printed or automatically emailed to all relevant fire wardens within the offices and factories.

Robbie added " The fire control terminal has allowed us to close a potential security risk and is an accurate listing of employees currently onsite in the event of an evacuation. We no longer have to take worst case scenario and guess which staff are onsite and those that are not."

We have been a customer of NTD for over a decade and this is mainly due to the continued development of the product to fit in with the ever changing requirements of a modern manufacturing company. This coupled with the excellent level customer service and support means we look forward to working with the team at NTD for many years to come.

Robbie Patton

IT Manager

SDC Trailers

Installation Date	2004
Locations	4
Software clients	20
Approximate No of Staff	1000
No. of Attendance terminals	18
No. of Bell/Siren controllers	7
No. of Access Control Doors	20
No. of Fire Panel Controllers	5

Just a few years ago the idea of using biometric technology in a business here would have seemed like science fiction.

Now, for companies like Lisburn's North Time and Data (NTD) it's becoming a burgeoning part of what is already a successful business, having worked across time management systems for three decades.

The company has specialised in such systems for firms right across the sectors and sizes. But in the last few years, it's formed a partnership with ZKTeco – a global manufacturer of biometric security technologies.

NTD has brought together ZKTeco's top end hardware with its own software – and it's an area of the company which is growing, according to Stephen Brown, NTD's managing director.

"NTD is more than 30 years in business, and we have been supplying time management systems to businesses for more than 20 years," he says.

"Three years ago we identified that biometrics was becoming the new buzzword in the industry, and we needed to get on board with that technology. And from then, we started our relationship with ZKTeco.

"Following our first meeting, we were shown the vast range that the company could offer NTD, and from then on we started integrating their hardware terminals into the NTD software. We are using the existing North Time Pro software, and using the ZKTeco hardware."

The technology allows firms to utilise fingerprint and facial recognition for a range of uses, from time management and attendance, to security and restricting access to areas for selected staff.

As for the customer base, Stephen says they include companies from the small, independent, to larger firms with a global business footprint.

"It's all shapes and sizes. For example, Foyle Food Group, which has around 2,000 employees, or SDC Trailers, Thompson Aero Seating and Bob & Berts," he says.

One of its latest contracts has been extending its relationship with McCulla Transport. "Originally, the technology came from time and attendance for payroll, but as the relationship developed, we started branching out into access control – managing and ensuring where people can and can´t go."

The hardware and software stops so-called 'buddy punching' – with workers traditionally able to clock in and out using a colleague's ID card.

"You can't do 'buddy punching' – you have to be there physically. Typically, when we do a sales presentation, it's about saving a business time and money. The cost tends to be around the same price, but it's able to increase a company's productivity, and save them money.

"McCulla is a long-standing customer, but had traditionally used a card-based system. We have now upgraded the time and attendance/ access control system to incorporate facial and waterproof fingerprint recognition."

ZKTeco specialises in the manufacture and development of a large variety of solutions, including time and attendance, access control, turnstiles, CCTV, metal detectors, X-ray inspection, integrated security solutions and embedded fingerprint modules.

case study

Electus Healthcare provides high quality nursing and residential services across Northern Ireland. Specialising in care for those with mental health conditions and dementia.

Following the sales process, NTD were selected as the preferred supplier of a time management solution for Electus Healthcare Ltd. Being a care home facility, based over numerous sites, the solution would have to be robust, but also flexible to cope with the ever-changing demands of operating in a care home environment.

Electus Healthcare not only required a time management solution, but they also required the additional functionality of setting up and managing a roster. This roster needed to be adaptable and easy to use. The NTD roster web based roster module allows managers and administration staff to roster their workforce resources due to the needs of the business. This module offers the flexibility to create new shifts and work patterns easily and efficiently. With additional management information such as staff levels, costs per day, week or department and contracted hours all available on the roster

Many of the administration staff had operated other time management system in the past and although North Time Pro is not a dedicated healthcare product, the staff very quickly became efficient in the operation of the system and how best to utilize the solution. Information is now being managed on a daily and weekly basis with a csv file export being produced at the end of each pay period that is passed to payroll for processing.

Throughout the implementation process the team at NTD have been extremely helpful. Some requirements had to be changed during this process and all requirements were achievable. Their knowledge of the product has enabled us to mold the NTPro workforce management system to our requirements. The ongoing support from NTD staff has been exceptional and they are always available to resolve any queries that may arise.

I am delighted that we selected NTD to provide the solution for our company and would recommend NTD to any business looking to implement a workforce management solution.

Ed Coyle

Managing Director

Electus Healthcare Ltd

Electus

Original Installation Date	2020
Locations	12
Approximate Number of Staff in System	250
Number of Attendance Terminals	3
NTD Roster Module	Yes

First of all I would like to thank the team at NTD for their fantastic service, nothing has been too much trouble.

With 180 employees in both Northern and Southern Ireland spread over seven different sites we required a networked time and attendance system that would link seamlessly into our payroll system, as well as allowing us to manage shift patterns, holidays and absences.

From the demonstration and installation of the biometric hand scanners right through to the bespoke reports we required NTD have delivered on time and on budget.

The system has dramatically decreased the time spent by our managers and accounts staff carrying out their administration duties, allowing them more time to concentrate on other parts of the business.

NTDs system has far exceeded our expectations, it is easy and intuitive to use and can be tailored to your specific requirements. The reporting features have been incredibly useful.

In reality we should have installed a time and attendance system years ago as we could not live without it now.

Philip Dalgity
Wee Care Day Nurseries

Original Installation Date	2012
Locations	6
Software Clients	10
Approximate Number of Staff	200
Number of Handscan Terminals	7

case study

Before we got the New North Time Pro software we were using the old slow manual punch clocks. All the cards had to be collected and the two administration staff spent Thursday mornings counting up the hours for the payroll.

We also had a manual job costing system to calculate labour hours on jobs which again was not an efficient or effective method. We were looking for an easier solution. One of the directors sent NTD an email and very quickly we had a call from North Time & Data.

The sales staff helped us to find the right clock system that suited our business. Every employee has a clock card and this is used to swipe in and out including tea / lunch breaks. The card is also used to swipe onto the job they are working on.

The new software is great and makes it easy for us to calculate all the hours for our payroll and what hours are being spent on each job as the software does it automatically.

The support team at NTD has been extremely helpful all the way through the installation, including making the software suit our business needs.

We are a relatively new business using the NTD software as it has only been installed since March 2014 but already we can most definitely see the benefits of using the software.

Lorraine Bruce
Accounts Manager

Original Installation Date	2013
Locations	1
Software Clients	4
Approximate Number of Staff	50
Number of Attendance Terminals	2
Job Costing	Yes

Since we decided to replace our previous T&A System with the North Time Pro Workforce Management System, I have to say that the support we receive from yourself has been excellent; as soon as you are aware of a problem it is easily resolved.

The system is so user friendly and the agenda summary is fantastic as it highlights what needs to be fixed, without you having to go through each person.

The Employee Self Service (ESS) for booking holidays is a very popular choice with our employees. We set up a booth in our canteen, so they can log on when on breaks to check holidays & book holidays. (Picture below)

An email is then sent to the employees Manager for approval. This has proven to be a real time saver for the HR Dept. We as a company would thoroughly recommend North Time and Data as a company and the North Time Pro System as an excellent Time Management Solution.

Huhtamaki

Frances Harrison
HR Officer
Huhtamaki (Lurgan) Ltd

Original Installation Date	2012
Locations	2
Software Clients	10
Approximate Number of Staff	300
Number of Biometric Terminals	3
Web Portal	Yes

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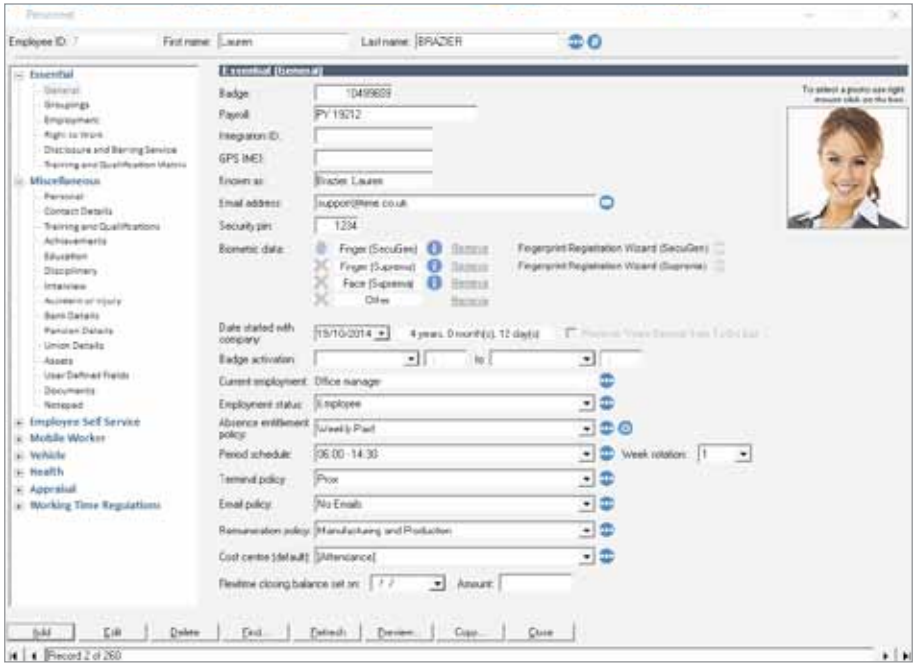
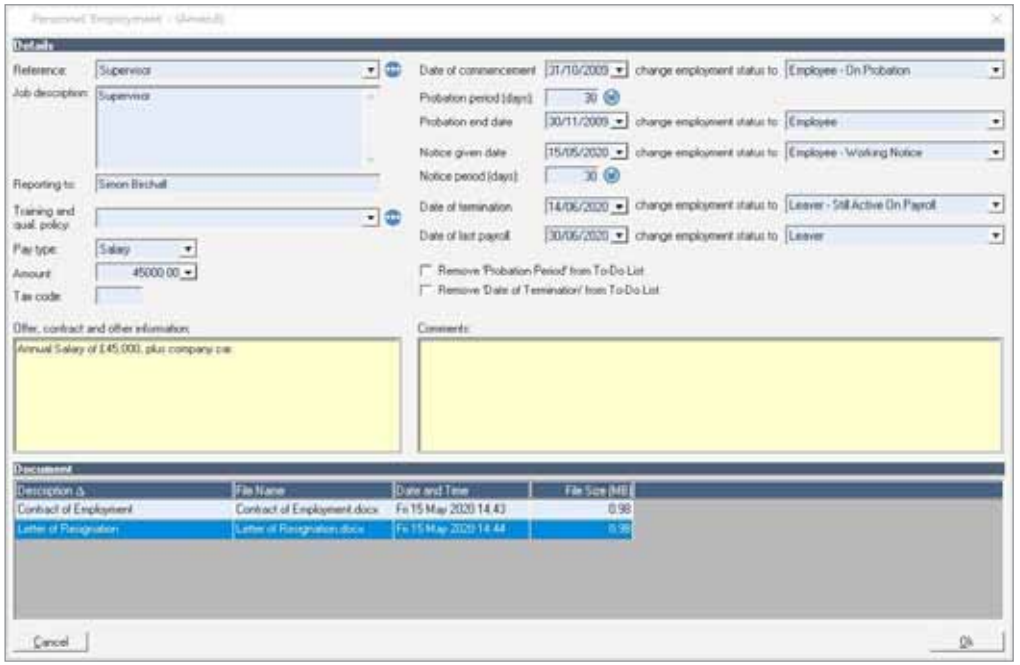
Personnel

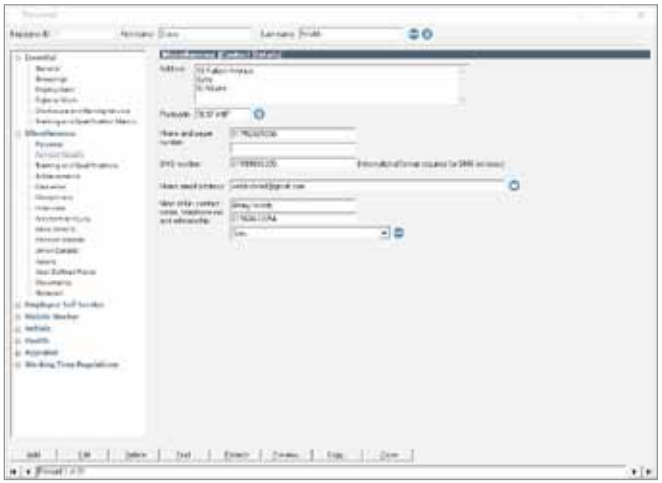
People make businesses and organisations successful. Managing those people's information assists in achieving this success. Fitting then, that at the heart of each North Time Pro system is North Time Pro personnel.

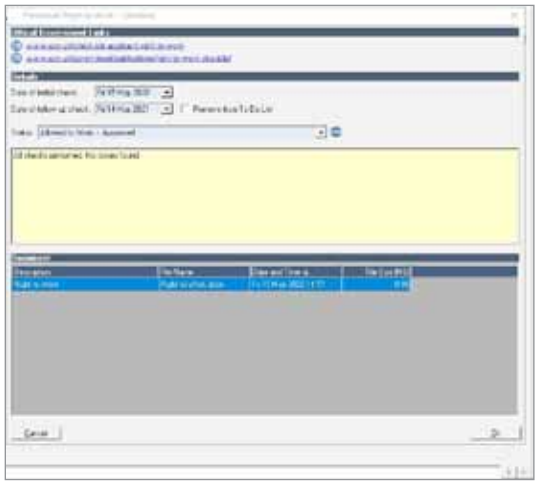
North Time Pro personnel provides an effective way of managing all your personnel data. It allows you to store, update and view personnel information, with full auditing, in a secure environment based on company defined permissions. North Time Pro personnel keeps all of your information in one place. From copies of driving licenses to previous employer references, from blood type to bank account details - North Time Pro personnel stores the data centrally making it available for viewing and reporting when required.

The key is having all your information in one easily accessible place. Everything from contact details to medical reviews, vehicle information to yearly appraisals – North Time Pro provides a truly effective solution. North Time Pro personnel integrates with the agenda to provide reminders of important events ranging from birthdays to certification renewal.







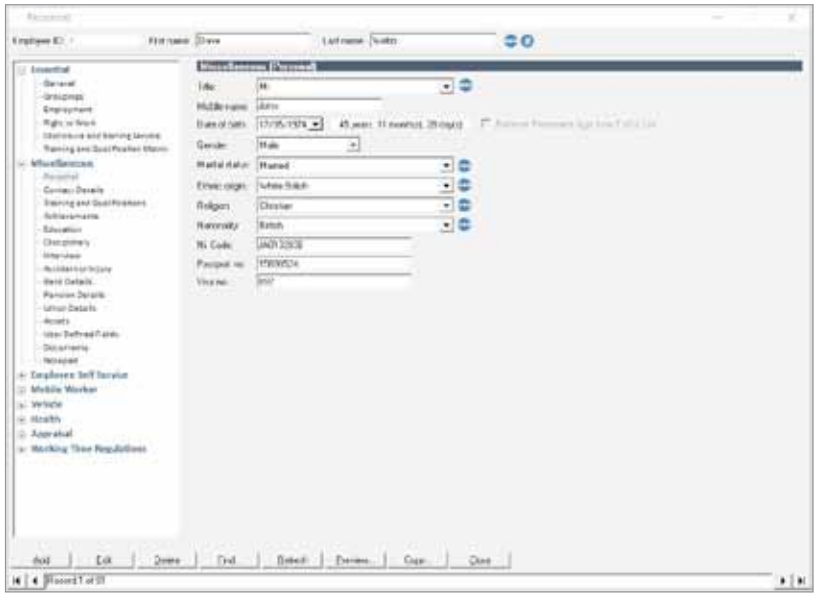


New features include:

- Improved menu layout
- Document scanning
- Enhanced employment history records
- Training matrix

In short, North Time Pro personnel sets the standard for integrated H.R.

- Take staff ID photos through the personnel module using any webcam.
- Store employment details including training, disciplinary and qualifications gained.
- Use the personnel wizard to quickly set up new employees, ensuring that all the required information has been added correctly.
- The pro-active To-do list lets you know when qualifications, review dates etc. are about to expire.
- User defined fields allow you to hold unlimited amounts of information specific to your company that is not included in the other personnel modules.
- Scan documents such as driving license and passport and store within the employees record.
- Print staff ID badges through the personnel module directly to your ID badge printer.
- Connection to the asset management module enables the recording of PPE, mobile phones and IT technology.

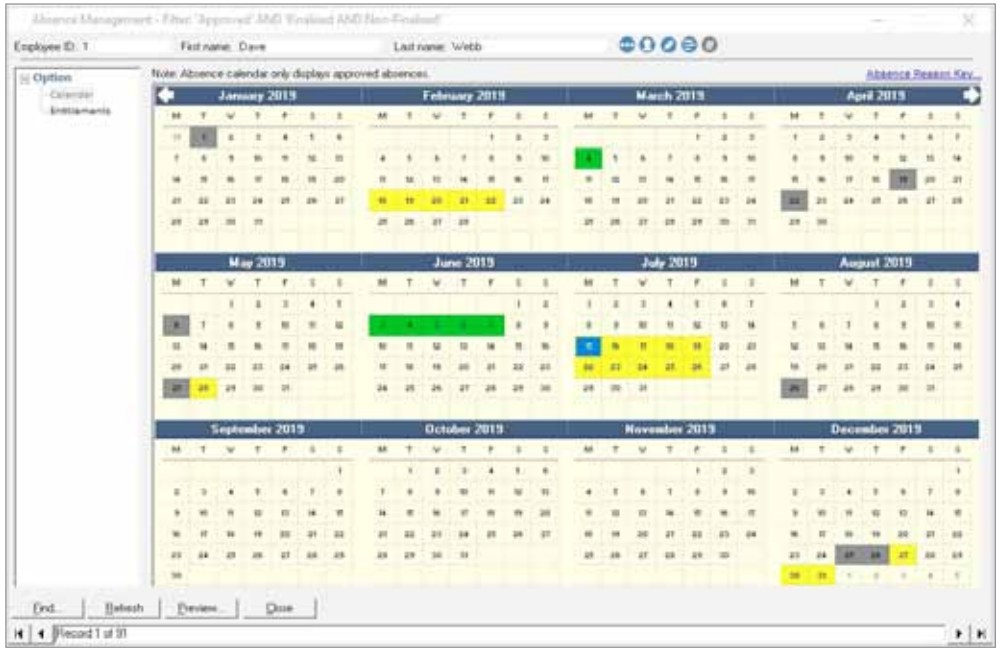


Absence management

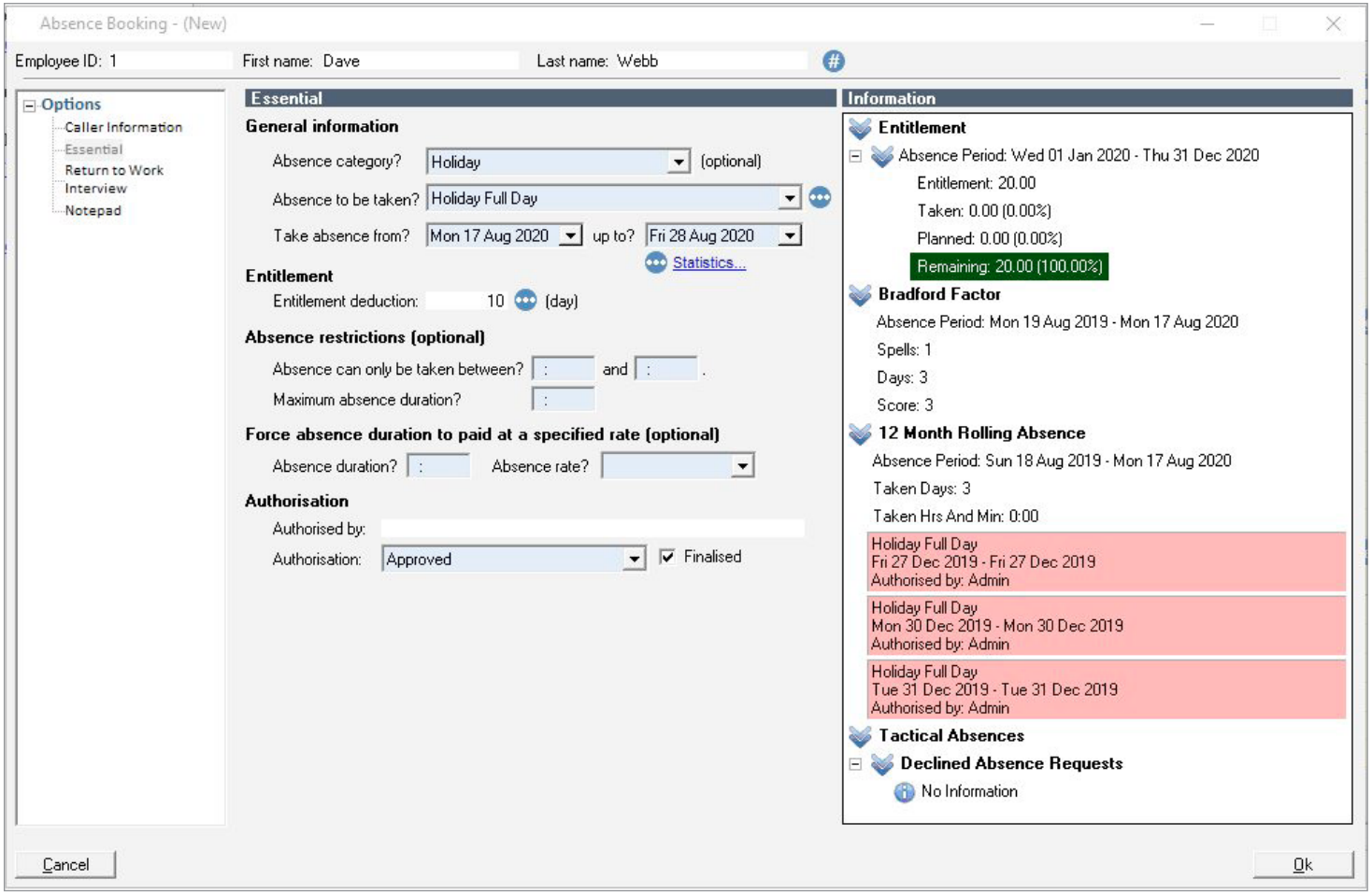
Tracking holiday entitlement, managing holiday schedules and monitoring absenteeism are the three essential factors that make up North Time Pro absence management.

It is now possible to create absence entitlement policies that define the number of days holiday based on years service from any date. You can specify the amount of time that may be carried forward from one year to the next and even award entitlement credits for additional holidays. All absence management amendments must be approved and finalised for secure auditing.

What would happen if all the fork-lift drivers were on holiday at the same time? Or the first aiders? or the staff qualified to complete key tasks in the workplace? North Time Pro absence management enables line managers to view holiday plans before authorising an absence booking. North Time Pro also keeps track of the types of absenteeism in the workplace as well as monitoring the holidays taken and days booked in advanced.



- Comprehensive absence and holiday booking screens ensure that the required information has been entered correctly.
- Compatible with Bradford Factor methodology.
- Detailed statistical information is available while booking absences, this will allow you to keep good staffing levels and ensure that employees cannot take more than their yearly entitlement.
- North Time Pro automatically renews each person's absence entitlements every year, taking into account any days carried forward from the previous absence year and can even award additional time due to a person's years service.
- Create absence entitlement policies with special rules for new starters and long serving employees.
- Enhanced tactical absence analysis.



The absence management information panel can be customised to the clients exact requirements.

Attendance

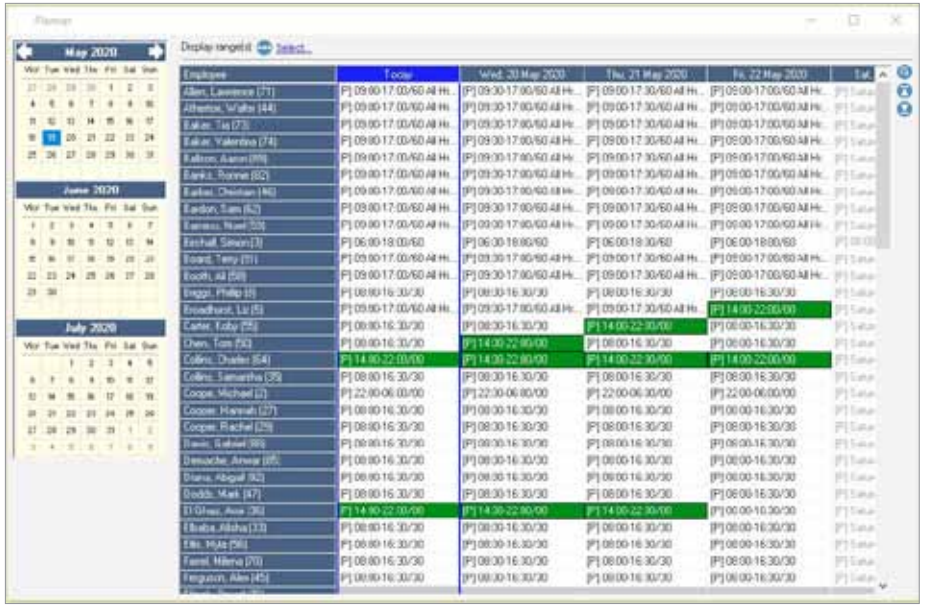
Increasing your company's productivity starts with one important factor – the improvement of your employee's time keeping. The right people in the right place at the right time will guarantee 'smooth running' with maximum efficiency – a goal that every company should strive to achieve.

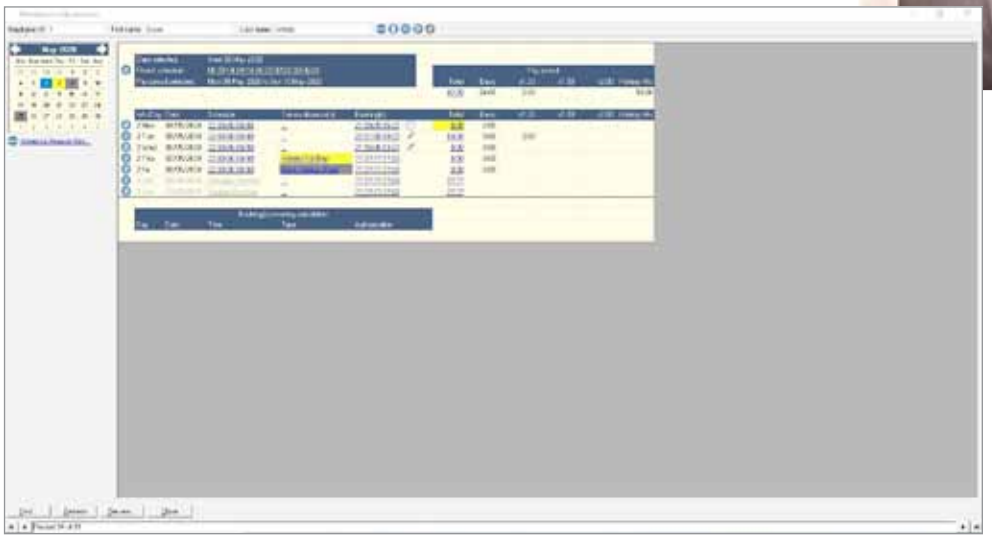
North Time Pro attendance provides you with the tools to schedule where your workforce should be and how long they should be working. It allows you to plan for each department within the company, selecting employees with the relevant tasks for the job in hand.

An increasing number of businesses are choosing flexitime, rotational shifts and annualised hours as their preferred working method. North Time Pro can cope with any type of work pattern and overtime calculation using its unique script engine.

Not all systems are designed to our high standard. North Time Pro has spent over twenty five years developing a sophisticated attendance product that alerts users to several basic, yet important facts;

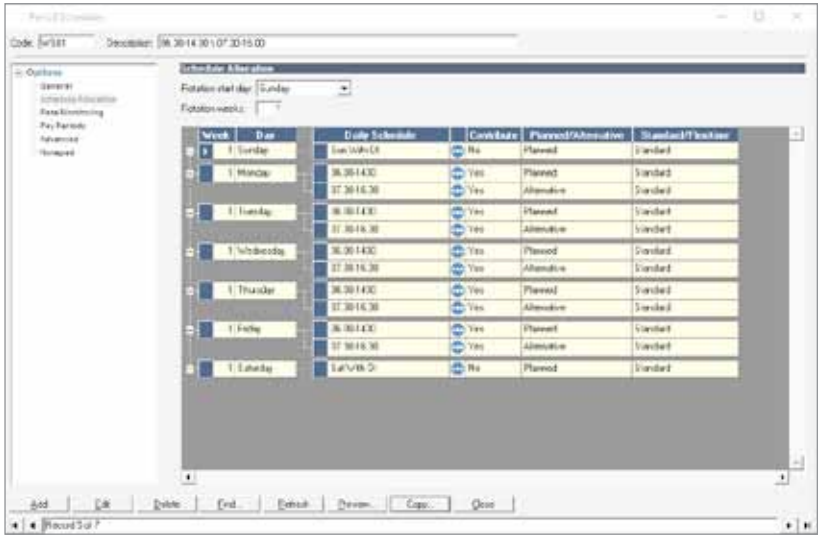
Device: Proface X
Use: Attendance / Access Control
Rating: IP68
Location: Indoor/Outdoor
Special Features: Facial recognition. Can be used in direct sunlight





Device: ZKTeco TF1700
Use: Attendance / Access / Assembly
Rating: IP67
Location: Offices, wash-down areas, open-air workshops, external walls
Prox: RFID

Device: ZKTeco SilkBio 101tc
Use: Attendance / Internal access
Rating: No IP rating
Location: Various
Prox: RFID



Access control

North Time Pro access control brings you indispensable security, protecting that which is most important – your people and your property.

Simple to use but extremely effective, North Time Pro access is now installed at more than one thousand companies across the UK and West Africa. Designed to integrate seamlessly with North Time Pro personnel ensures that when a contractor completes a job or when an individual leaves employment, they will not be able to access your building.

North Time Pro access can be used to control doors, barriers and gates. Our team of access control specialists will carry out the install in a quick and efficient manner with the minimum amount of disruption to your workplace.

North Time Pro access – you decide who goes where and at what time!

Facial Recognition Access Control

Device: Suprema BioEntry P2
Use: Access / Assembly
Rating: No IP rating
Location: Offices, reception, cafeterias, dry workshops
Prox: Various

KR100 ZKteco reader

Example vehicle barrier

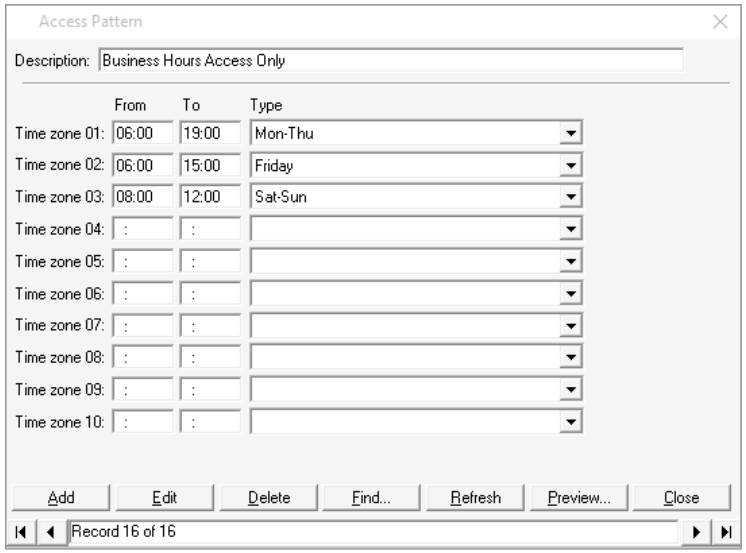
t9-1010 access control terminal

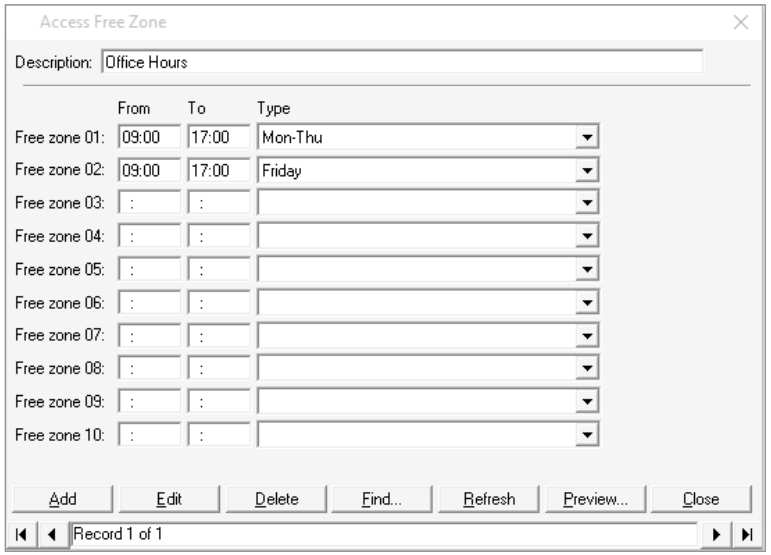
t9-0530 North Time Pro door furniture

ID badge

Example office door

Example turnstile





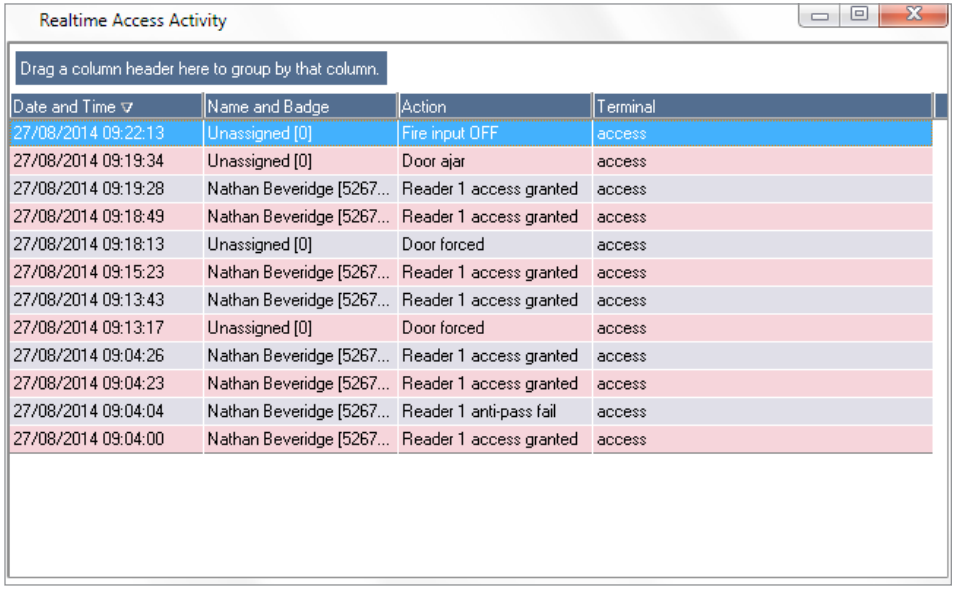
Full auditing is available.

Management information:

- What time people left the site rather than the time they finished work
- Who has attempted to access the site outside permitted hours.

Security guard features:

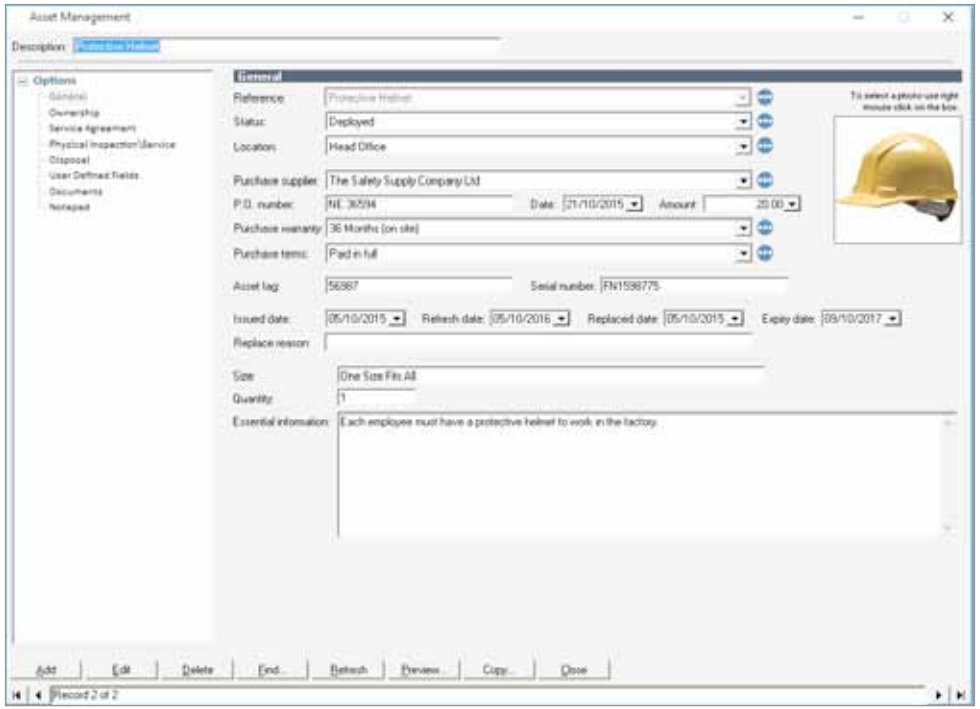
- Keep track of your employees with real time monitoring.
- Alert feature on your agenda will notify you immediately of failed entry attempts, doors that are ajar and doors that have been forced.
- Keep an archive of all door activity for future reference.
- Quickly disable lost and stolen badges.
- Finally, for companies requiring a higher level of security, remember that the access control supports the North Time Pro fingerprint reader technology.



Asset management

The North Time Pro asset management module allows you to keep track of 'things of value' to your company. These things may be as diverse as work boots, laptops, mobile phones and fork-lift trucks !

North Time Pro's asset management module is designed initially to provide a method of keeping track of personal protection equipment, the module rapidly expanded to include other items including mobile phones and IT equipment. The module is not just limited to personal items. It has been developed to include tangible assets such as company vehicles, fork-lift trucks and even items such as boilers and air-conditioning units. The module allows you to store maintenance records and even asset disposal information.

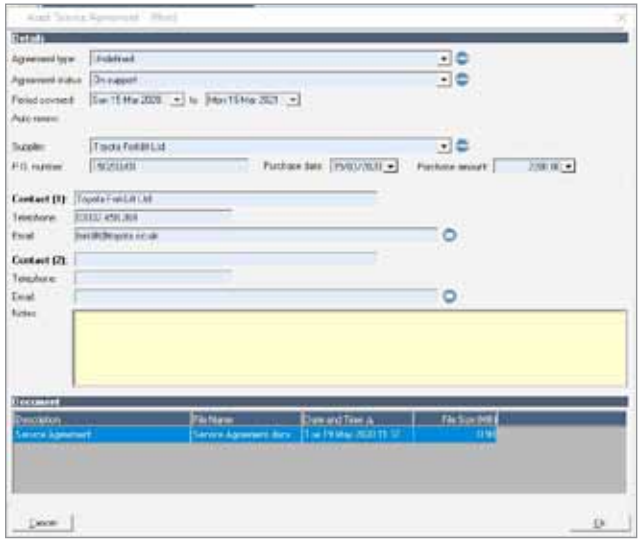


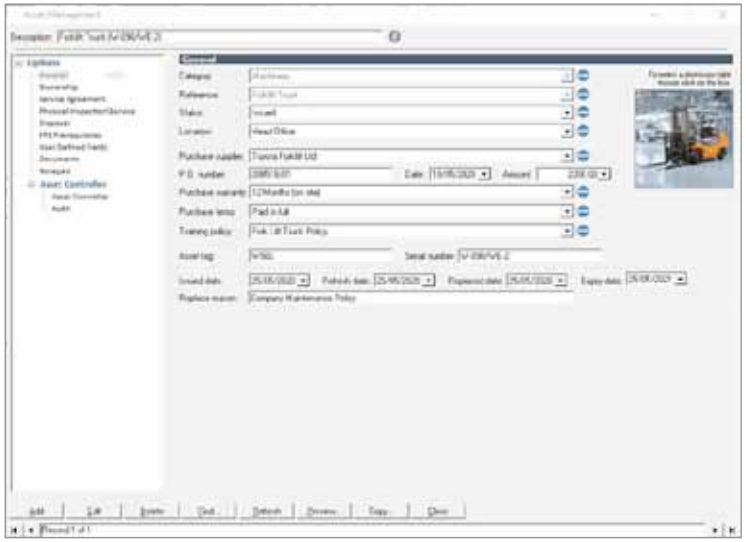
Personnel Protection Equipment (PPE)

The North Time Pro asset management module includes a section for staff PPE. It is now possible to record the type of equipment issued to each employee along with key information such as date of issue, size, cost, supplier and expiration date. Managers can see an overview of PPE issued using a new dashboard and if an employee should leave, a list of 'assets' to be returned is available through a new option within the personnel module.

Other system asset types include:

- Mobile phone
- IT equipment
- Vehicles





An exciting new hardware product which utilises the asset management module is the weatherproof asset controller reader, and the asset controller. These items can be connected to any piece of machinery and will not allow the machinery to be used until the operator has proved who they are through the biometric or proximity card reader feature. North Time Pro will then check to see if the operator has the correct, valid qualifications to use the machinery and only then will the asset controller enable the machine to start.

t9-0300
weatherproof asset
controller reader

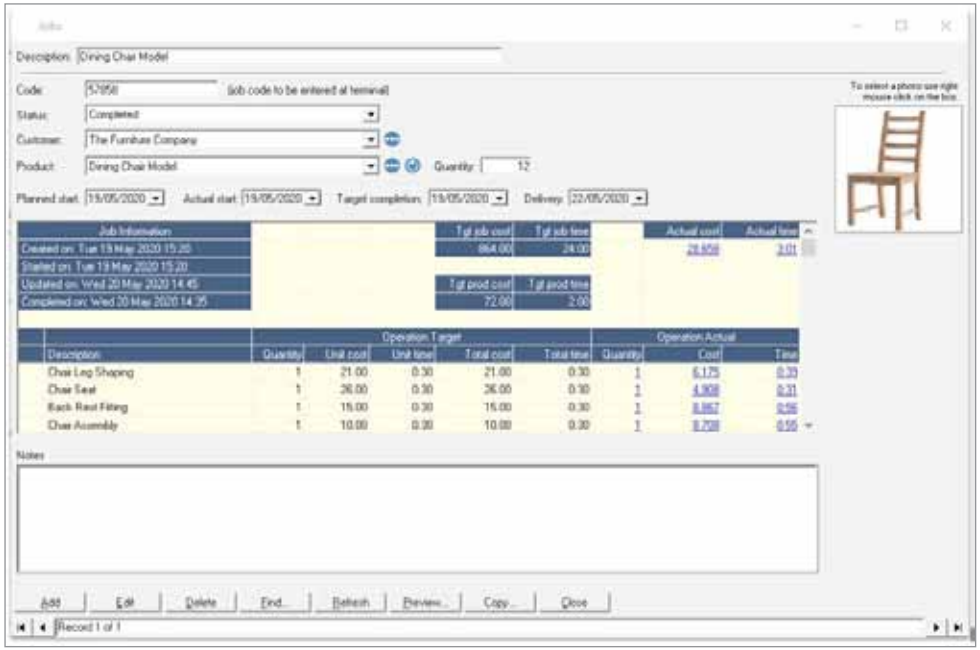
t9-1710
asset controller

Job costing

Monitoring costs on the shop floor has been made simpler with North Time Pro's integrated job costing module.

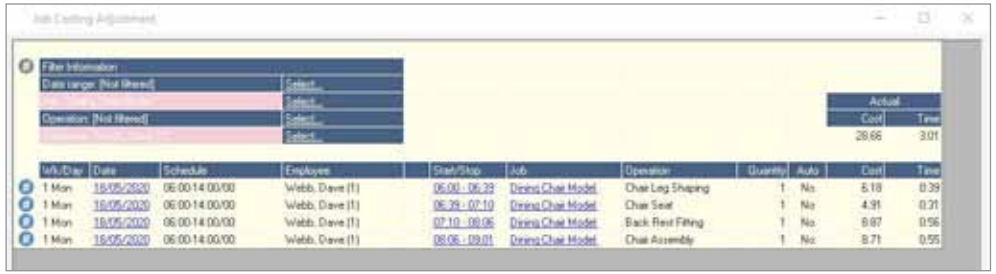
Not only does North Time Pro allow costing by job, but it also gives you the flexibility of costing by department, individual employee and specific operation. By using the performance comparison reports, you can check on the effectiveness of your employees and highlight areas for improvement.

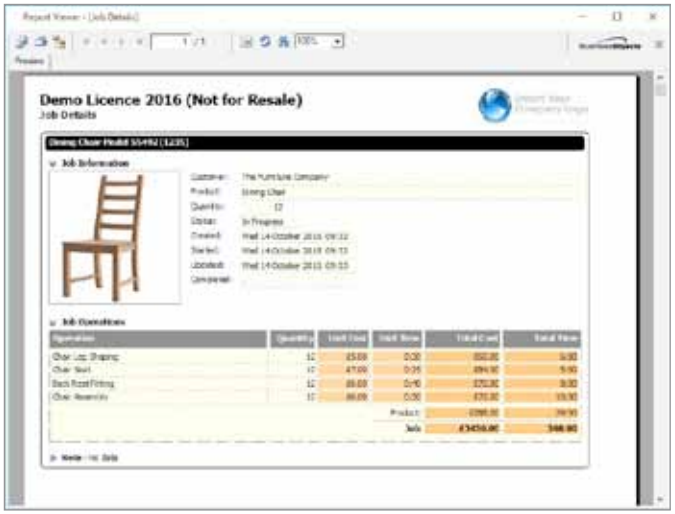
Logging job details couldn't be easier. An employee simply presses the clearly marked **'job start'** or **'job stop'** function buttons on the data collection terminal and follows a series of simple on screen requests such as **'Job code'**, or **'Operation code'**. The touch-screen keypad may be used although an increasing number of businesses chose to use barcode scanners for increased efficiency.

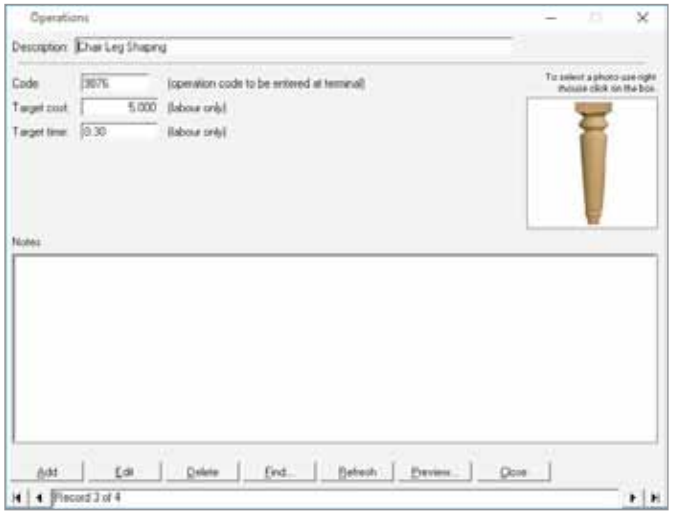


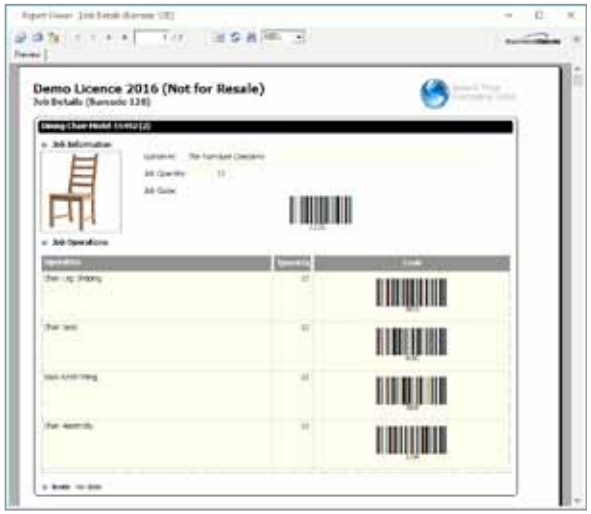
The data collected by the terminal is passed directly to the North Time Pro software making it instantly available for reports and enquiries. With clear identification for each job and operation, North Time Pro lets you drill down to the exact layer of information you need, making it easy to compare performance and address areas where productivity can be improved

The North Time Pro terminals run bespoke scripts designed specifically around your business needs, ensuring that the solution provided is perfect for you.









Supported barcode types (external hand held scanner) include:

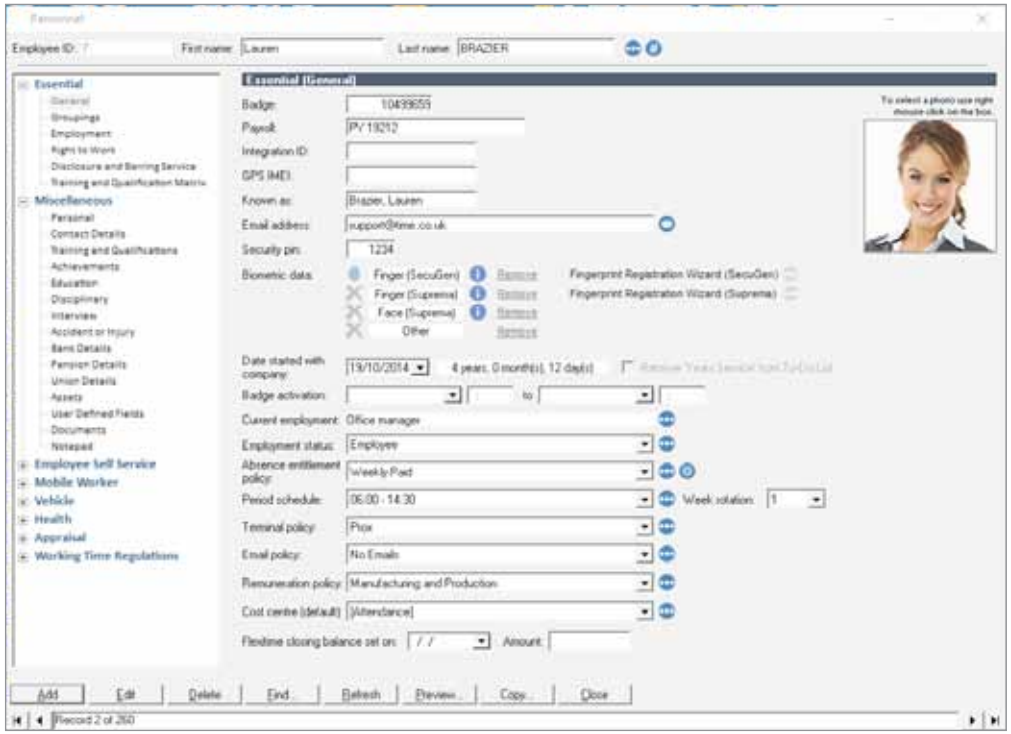
- Interleaved 2 of 5
- EAN-13
- Code 2 of 5
- Code 93
- Code 11
- Code 128

Tokyo Terminal
Attendance / Job Costing / Cost Centre Analysis / Machine Control / ESS
Supports USB Barcode reader
Suitable for Various locations
Supports various proximity card tech.
Suprema fingerprint

Cost centre analysis

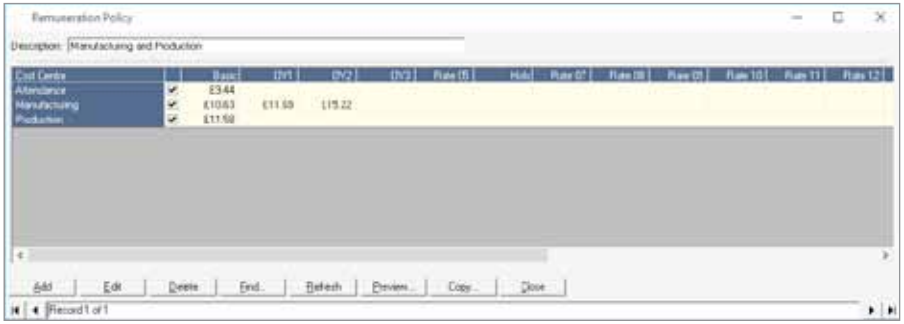
Different rates of pay for different processes are no problem for North Time Pro's new cost centre analysis module.

Do your employees have different rates of pay depending on the cost centre they are working in? If so, North Time Pro's cost centre analysis module and enhanced remuneration feature are now available to identify the amount of time, and the labour cost, of the work.



Specifying the cost centre can be achieved in a number of ways: some companies choose to install separate terminals in each cost centre whilst other companies require that the employee selects the correct cost centre from a list on the terminal screen.

A North Time Pro specialist will help the customer to identify the preferred method and will then produce a specification for the development team, enabling suitable scripts to be produced, providing a solution that fits the clients exact requirements.



Select Cost Centre:

Bar Area
Front of house
Kitchen
Restaurant

Selecting a cost centre

Tokyo Terminal
Attendance / Job Costing / Cost Centre Analysis / Machine Control / ESS
Suitable for Various locations
Supports various proximity card tech.
Suprema fingerprint

Cost Centre Adjustment

Filter Information											
Date range: [Not filtered]	Select...								Actual		
Cost centre: [Not filtered]	Select...								Cost	Time	
Employee: [Not filtered]	Select...								89.61	8:02	
Wk/Day	Date	Schedule	Employee		Start/Stop	Cost Centre	Auto	Rate	Cost	Time	
1 Tue	19/05/2020	06:00-14:00/00	Webb, Dave (1)		05:59 - 10:00	Manufacturing	No	Basic	42.70	4:01	
1 Tue	19/05/2020	06:00-14:00/00	Webb, Dave (1)		10:00 - 14:01	Production	No	Basic	46.91	4:01	

Fire alarm roll call / Assembly point

Did you know that your fire monitoring system can be connected directly to North Time Pro to produce an accurate roll-call report in the event of an emergency?

An increasing number of safety-conscious businesses have introduced this simple feature to ensure the health and safety of their employees.

The way this feature works is very simple: the roll-call facility within North Time Pro gathers information from different sources – from attendance terminals, from access terminals, from assembly points and from the ESS. This information is processed constantly to ensure that the roll-call list is kept permanently up-to-date. Using this roll-call list allows North Time Pro to produce roll-call reports on demand as required.

In the event of the company fire alarm being activated, the North Time Pro alarm monitor will instantly instruct the software to:

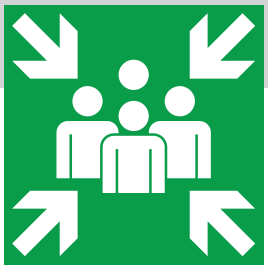
1. **Automatically send a roll-call report, either to a network printer or to a number of preset email addresses.**

The fire alarm roll call service will continue to monitor alarm signals and will never require resetting. If you have chosen to automatically unlock any access controlled doors, they will require re-locking using a simple function available through a Manager's agenda slider bar – ensuring the doors never remain locked in the event of a fire!

company fire alarm system

t9-1610
fire monitor terminal

roll call report
sent to iphone



Designed to compliment the fire alarm monitor, assembly point terminals can provide an effective method of recording who has safely vacated the building in the event of a fire.

By positioning weatherproof readers in external safe-zones, staff simply present their id badge or finger to prove that they have reached the safe area. The attendance display panel (ADP), will instantly list the staff in the safe zones with a real-time update providing an accurate view of staff remaining outside these area.

Alternatively, assembly point terminals can be used to prove that an individual has reached a particular area, for example: someone has arrived for work, is in the building for roll call purposes, but has not yet 'booked' for attendance.

The t9-1510 assembly point terminals support up to 15,000 employees, providing an accurate solution for even the largest companies.

Device: Suprema BioEntry W2
Use: Access / Assembly
Rating: IP67/RK09
Location: Offices, wash-down areas, open-air workshops, external walls, public areas
Prox: Various

ADP (attendance display panel)

Do you need to quickly find out whether members of staff have left the building?

Utilise North Time Pro's real-time, roll-call engine to identify departmental manager's attendance status by quickly viewing the North Time Pro ADP feature.

If you need a real-time, on-screen reference of who is in work and when they arrived, look no further than the enhanced ADP feature.

ADP (Attendance Display Panel)

Now an integral part of North Time Pro and utilising it's tried & tested roll-call technology, the ADP provides Managers with a fast and efficient method of confirming exactly which employees are currently on-site.

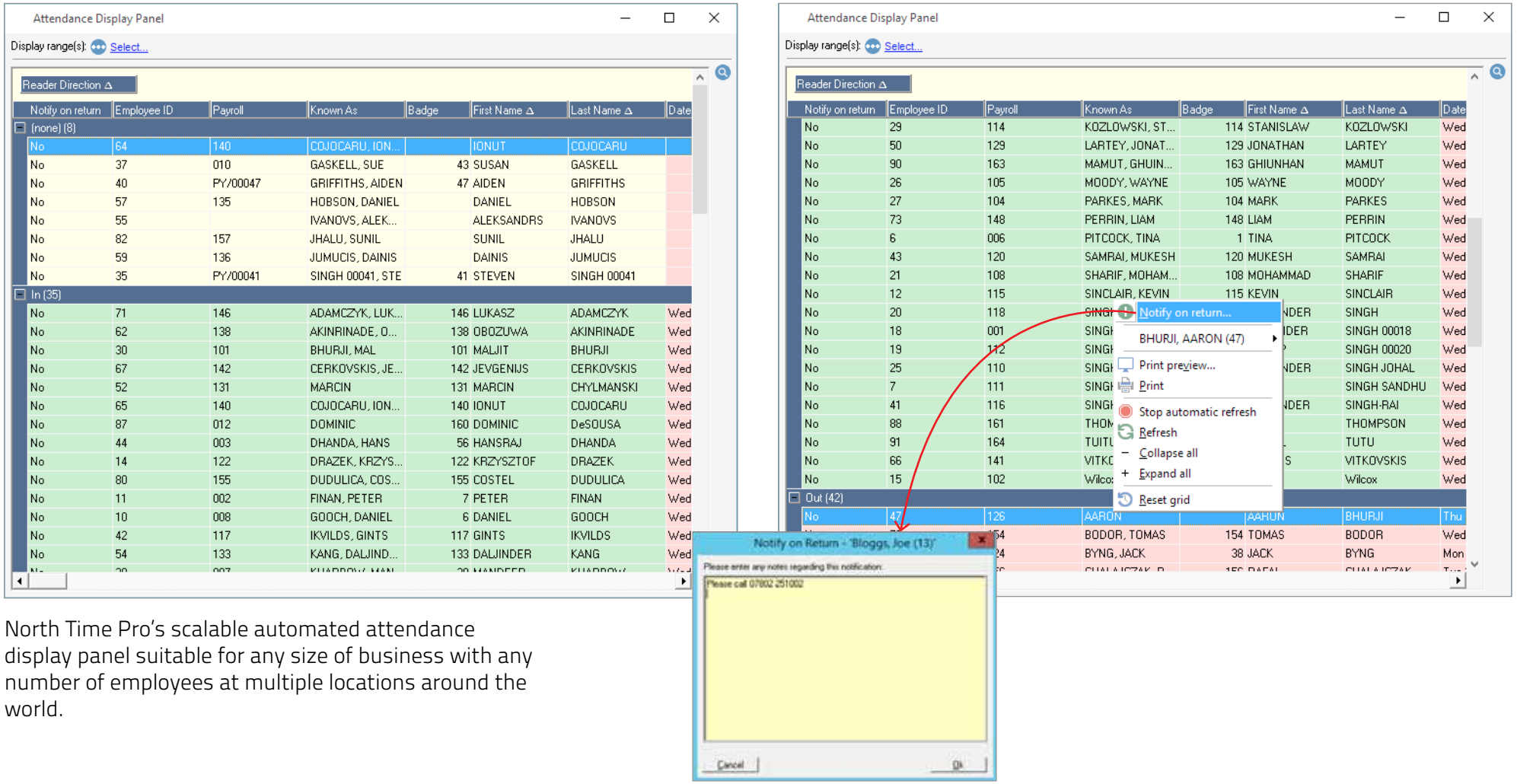
We've also added a 'return-to-work' indicator that can be used as a message reminder when a selected individual books back in.

Single and multi-site support

The North Time Pro ADP can run on both local and remote networks. This means that the booking made by someone in Newcastle can be seen in real-time by a receptionist, (on a centralised system), in a completely different part of the country.

Who's in, who's out?

Old style manual attendance display panel suitable for small, single office environment.



North Time Pro's scalable automated attendance display panel suitable for any size of business with any number of employees at multiple locations around the world.

Reports, exports and customisation

The ability to provide each client with a unique, customisable solution makes the North Time Pro workforce management system the obvious choice.

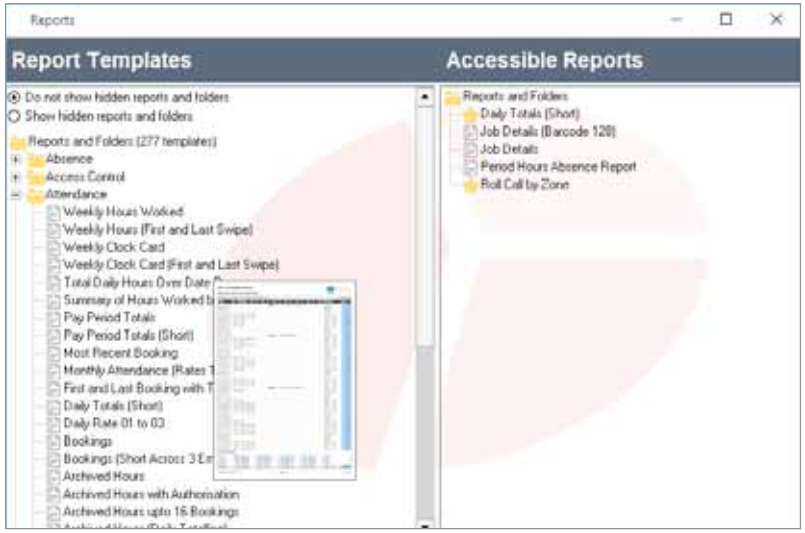
North Time Pro's major strength is its customisation ability -there are no other products in the same market sector that offer such a high level of personalisation.

The North Time Pro report module provides over 160 clear and concise user editable reports, forms and graphs as standard. The North Time Pro export module provides an easy way to pass raw North Time Pro data to an external application such as Microsoft Excel for further data mining or to simply develop an ad-hoc report.

North Time Pro customisation points appear throughout the package and along with the North Time Pro SmartBooking® technology provide the development team the facility to create unique solutions. For further information about North Time Pro customisation, please contact the North Time Pro team to arrange an appointment.

Superb reports & graphs available through Business Objects and Excel...

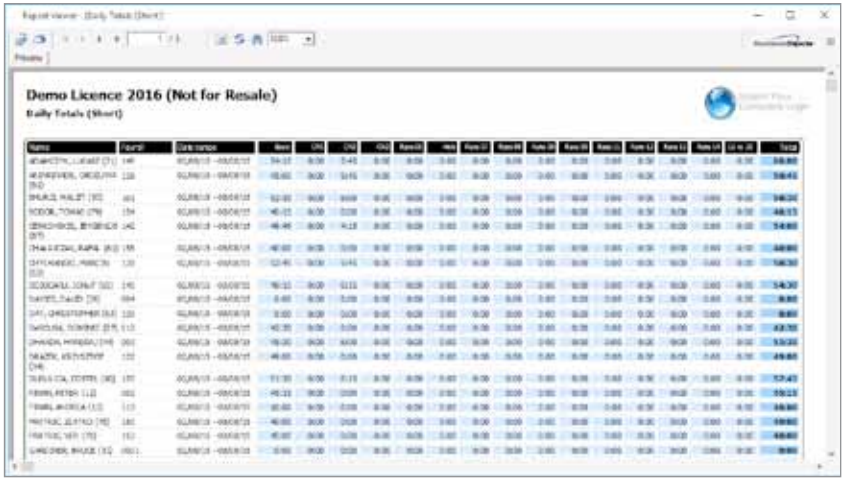
SAP BusinessObjects

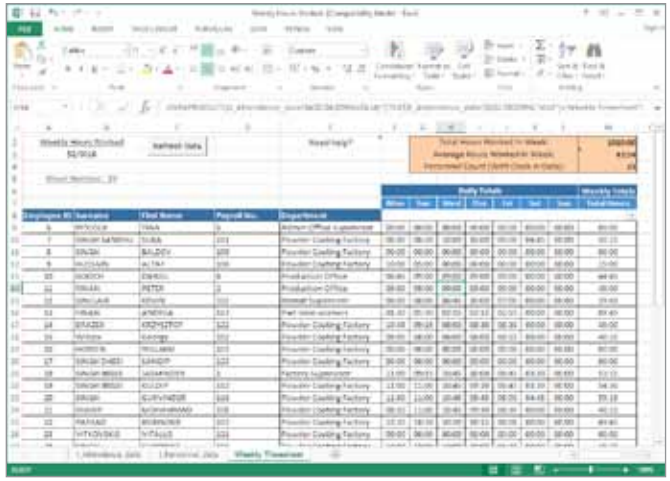


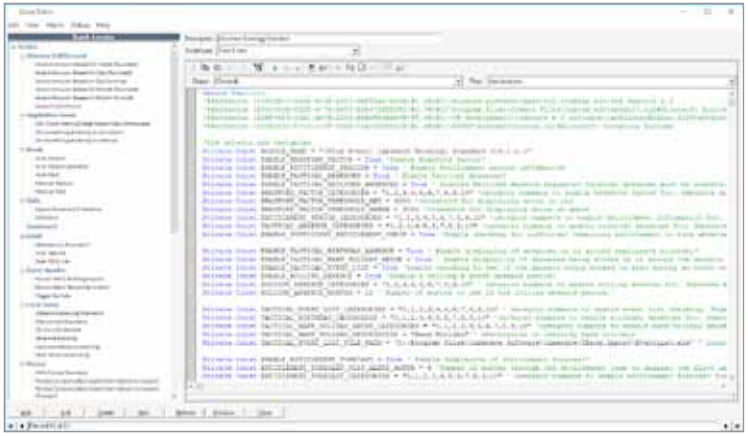
Over 160 pre-defined reports tried and tested by the North Time Pro community

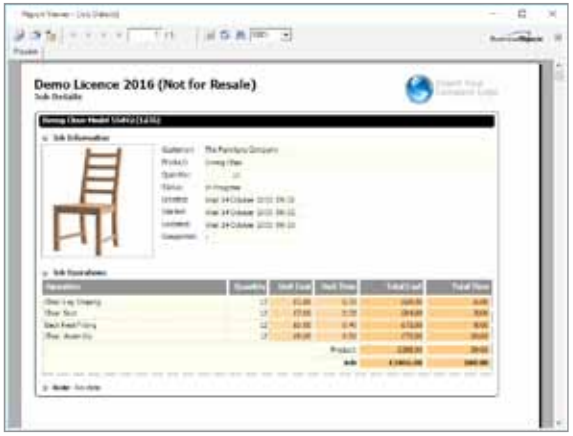
A variety of exports designed to work with Microsoft Excel

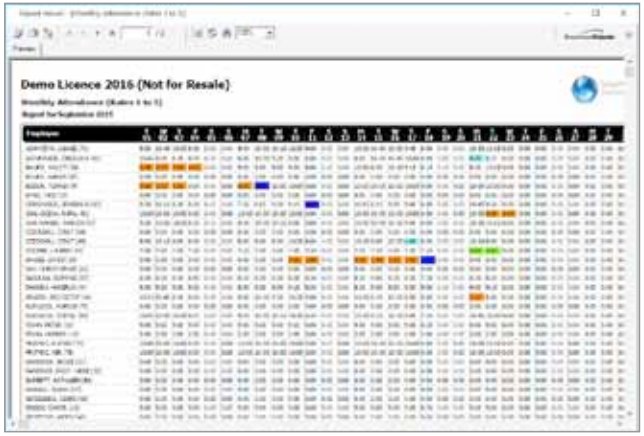
North Time Pro acknowledges any logos and/or trademarks used within this document


Demo Licence 2016 (Not for Resale)
Daily Totals (Short)






Demo Licence 2016 (Not for Resale)


Demo Licence 2016 (Not for Resale)

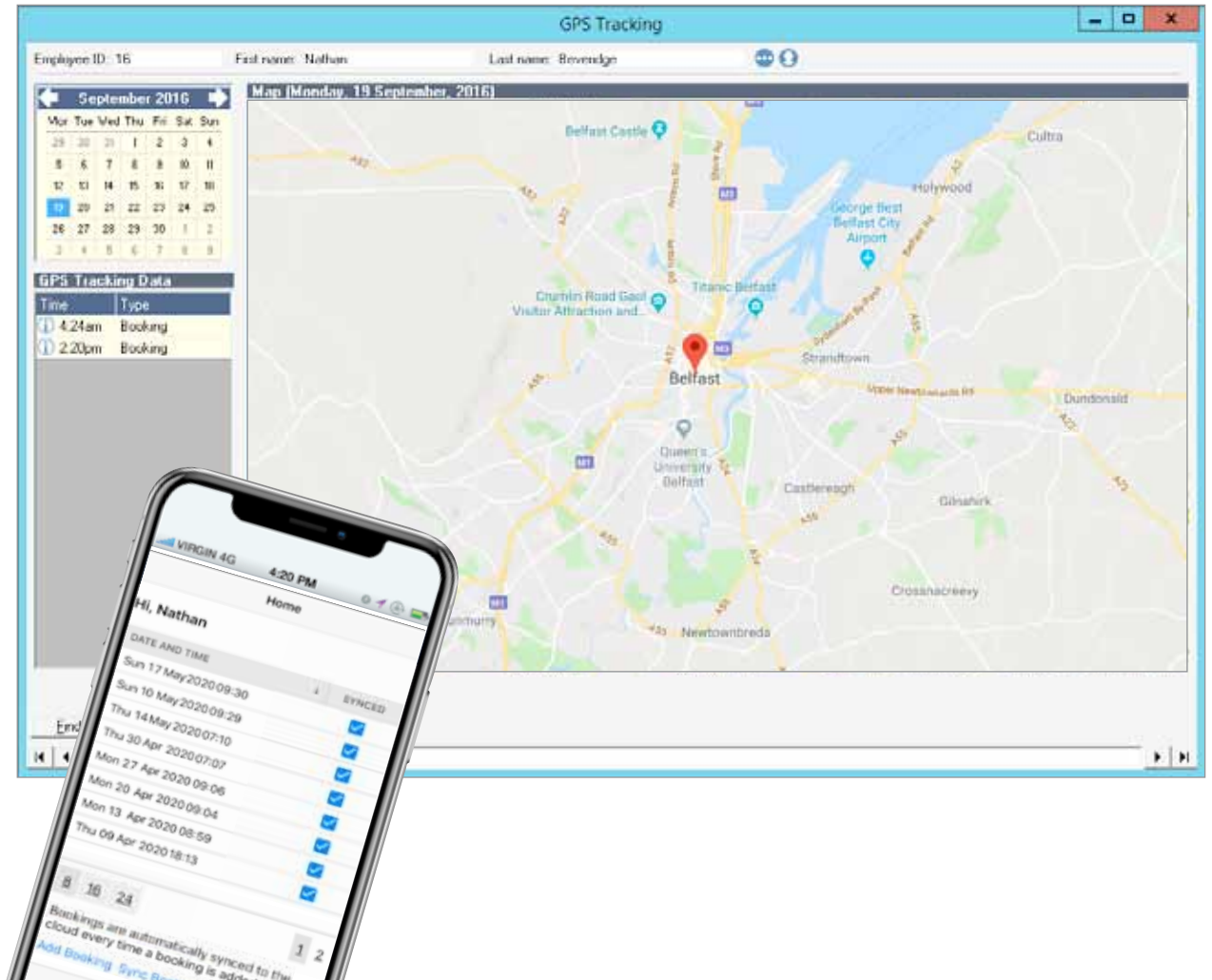
Mobile worker (optional)

North Time Pro provides an extremely effective method of tracking remote workers by utilising mobile based technology.

With the recent surge in mobile device usage over recent years, it's safe to say that most people will have a mobile phone capable of running apps. We've taken this in mind when we designed the mobile worker. Employees can download an app directly from the iOS (app store) or Android (play store) for free and connect directly on to your North Time Pro. From here, employees are able to 'clock in' remotely and managers view where these bookings were made.

Booking location

The mobile worker feature within North Time Pro enables a manager to check an individual's location where his attendance booking was made. Utilising a mobile devices GPS signal, it tracks exactly where in the employee 'clocked in' and displays them on a map interface within the software. All the locations are stored within the North Time Pro database so you can reference them in the future.

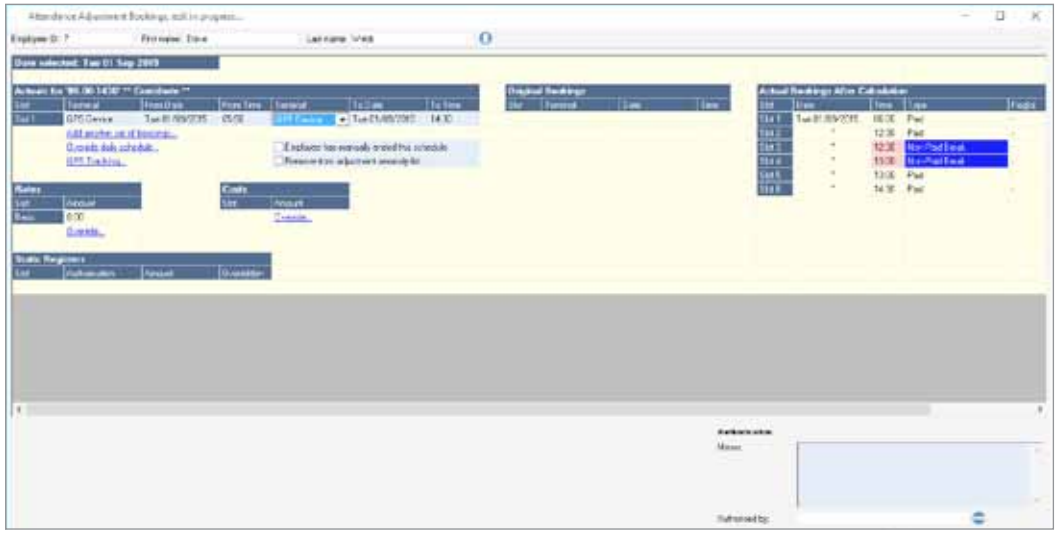


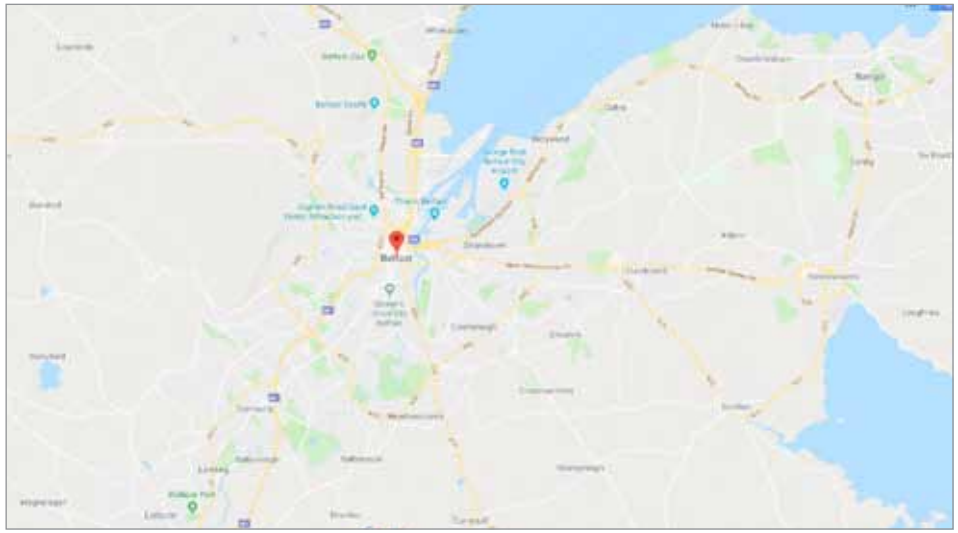
Remote attendance bookings

After being a much requested feature for many years, employees who otherwise are not able to access the standard North Time Pro attendance terminals are now capable of 'clocking in' from anywhere in the world !

Using cloud based technology, the employee can at the click of a button book in/out on their attendance which will then be able to be viewed on the software as if made from an attendance terminal.

With a low-cost extremely competitive yearly maintenance charge, the North Time Pro mobile worker module is sure to provide an affordable solution for businesses looking for effective ways to monitor attendance of remote workers.



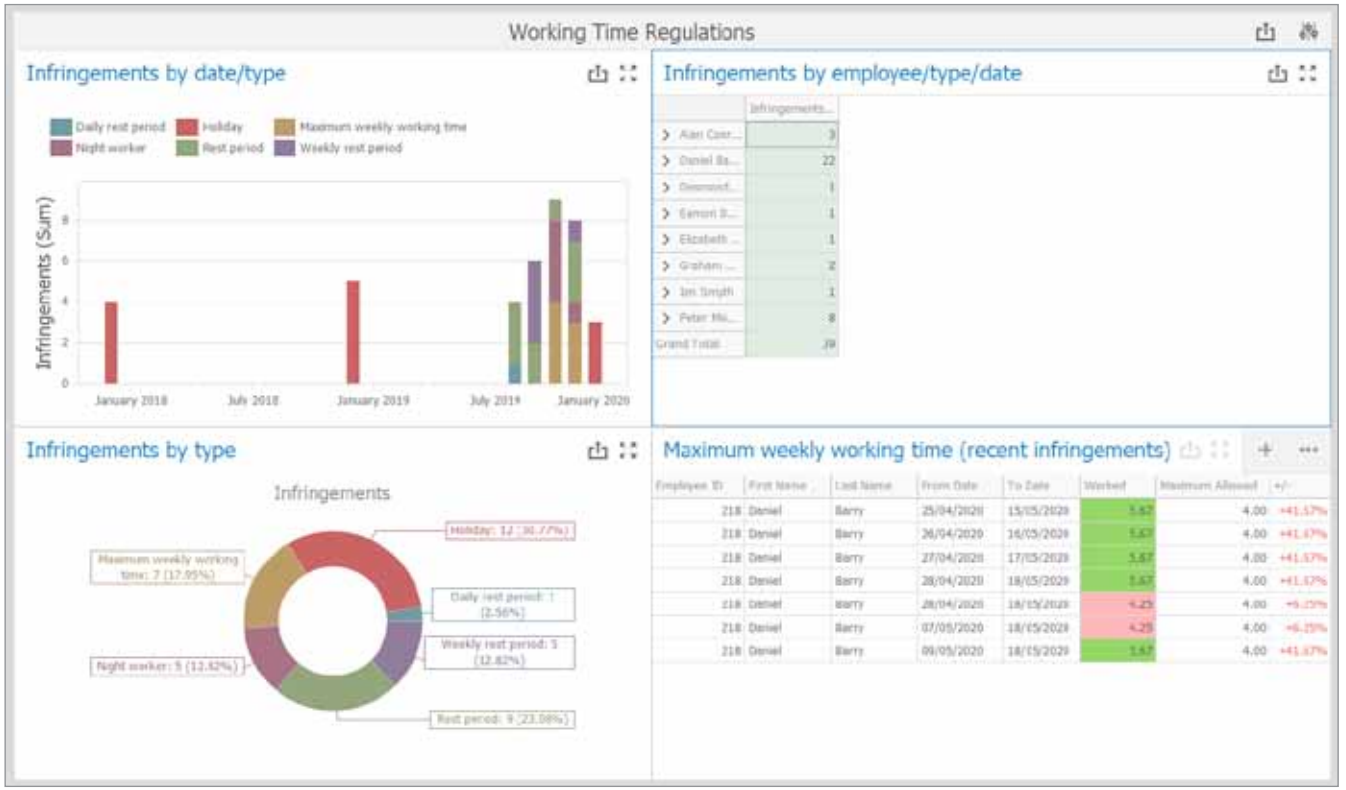


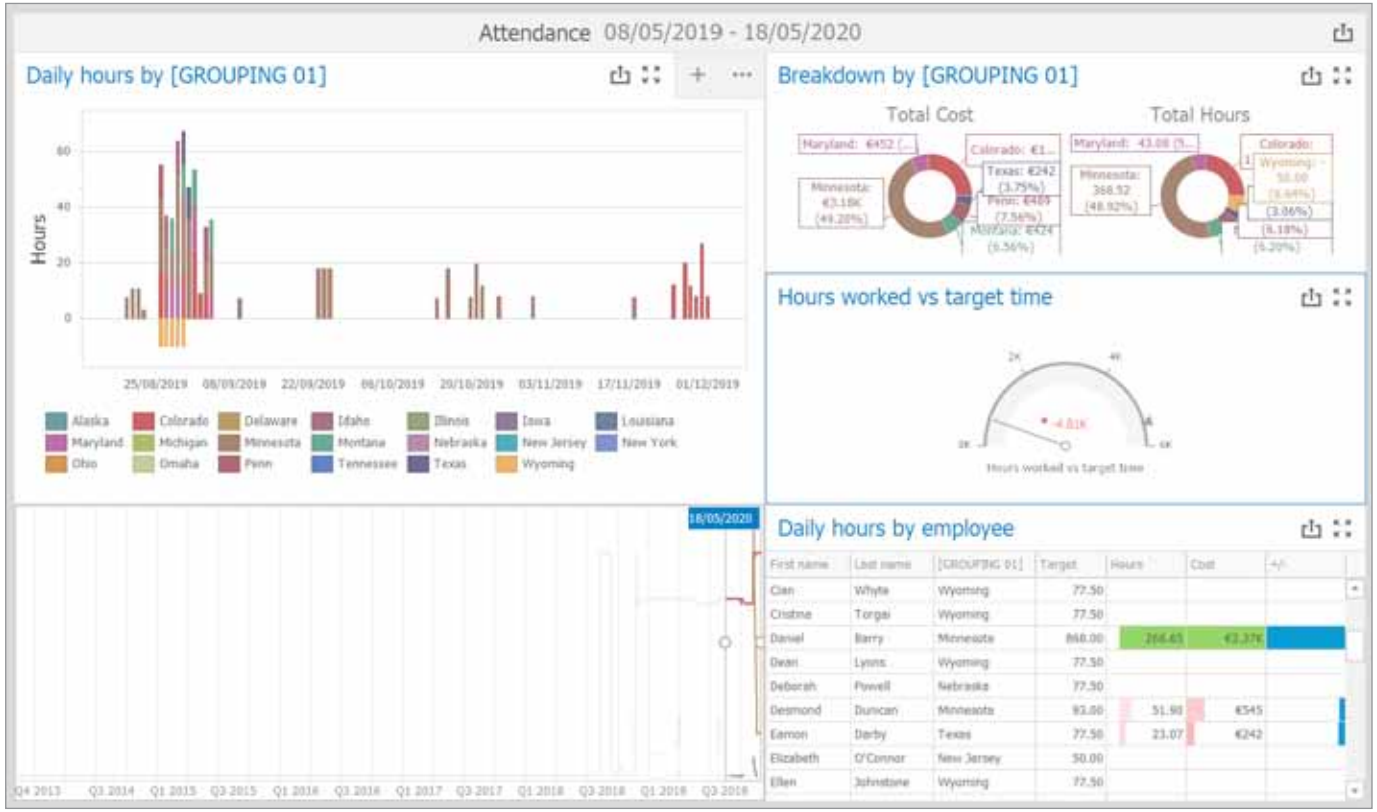
Copyright: OpenStreetMap contibutors. Tiles courtesy of Humanitarian OpenStreetMap Team

To-do list & Dashboards...

Two slick methods of presenting key company data in customisable formats.

No more searching for important information. The To-do list and Dashboard features gather important data and present it in an easy to read format. Both standard To-do lists and dashboards are provided with the system and are assigned to users at the point of installation. Both can be customised and may be designed to contain both North Time Pro and non-North Time Pro system information.




Attendance 08/05/2019 - 18/05/2020
Daily hours by [GROUPING 01]
Hours
25/08/2019 08/09/2019 22/09/2019 06/10/2019 20/10/2019 03/11/2019 17/11/2019 01/12/2019
Alaska Colorado Delaware Idaho Illinois Iowa Louisiana
Maryland Michigan Minnesota Montana Nebraska New Jersey New York
Ohio Omaha Penn Tennessee Texas Wyoming
Breakdown by [GROUPING 01]
Total Cost
Total Hours
Hours worked vs target time
Daily hours by employee
First name Last name [GROUPING 01] Target Hours Cost +/-
Cian Whyte Wyoming 77.50
Cristine Torgai Wyoming 77.50
Daniel Barry Minnesota 868.00 266.65 €2.37K
Dean Lyons Wyoming 77.50
Deborah Powell Nebraska 77.50
Desmond Duncan Minnesota 93.00 51.99 €545
Eamon Derby Texas 77.50 23.07 €242
Elizabeth O'Connor New Jersey 50.00
Ellen Johnstone Wyoming 77.50

Payroll interface (optional)

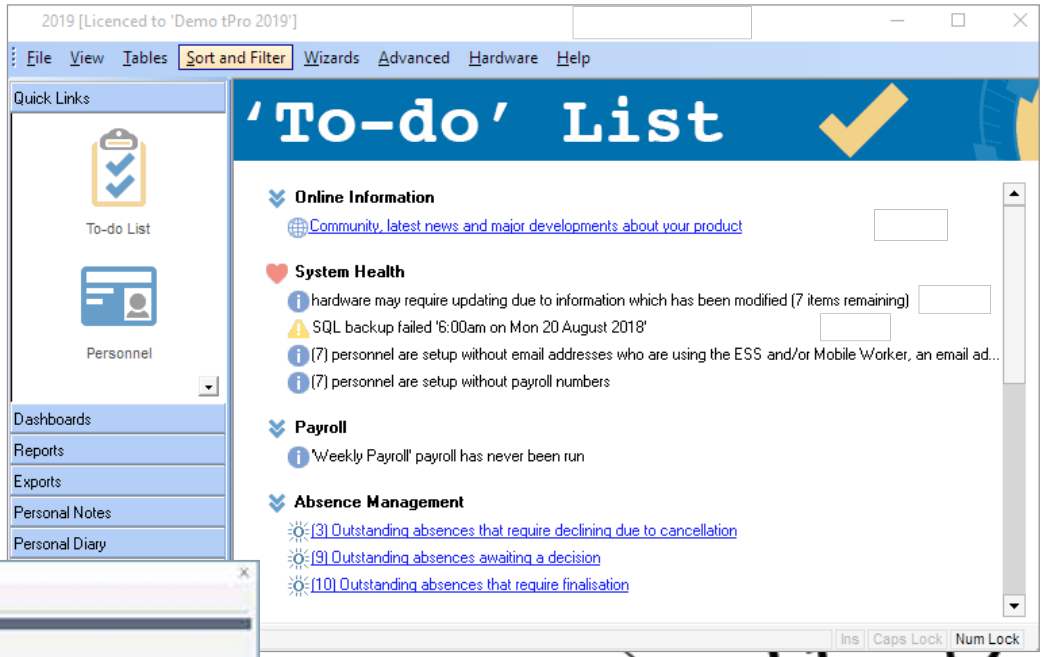
North Time Pro includes an authorised, integrated multi-company Payroll interface option that eliminates the need for third party 'Payroll interfaceing software'.

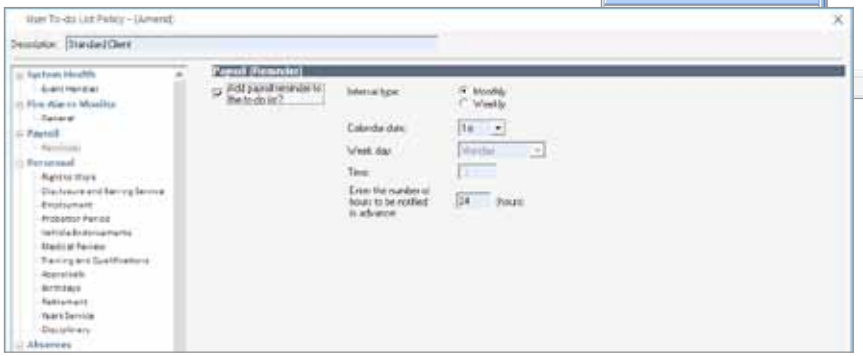
Please note that for companies requiring 'bespoke' software links, we are able to offer a unique development service utilising the North Time Pro scripting engine.

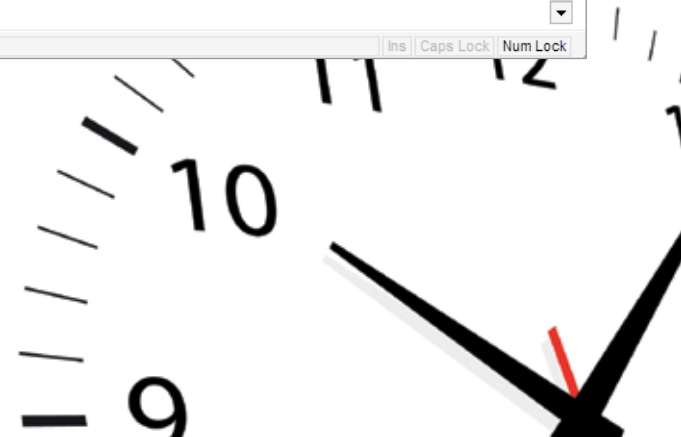
Every company has a deadline for running the payroll yet how many times has the deadline had to be delayed due to line-managers failing to approve overtime?

North Time Pro includes a 'payroll reminder' to-do list item. Set by the North Time Pro administrator, this feature provides an hourly countdown reminder of the oncoming payroll deadline!

Finally, once the North Time Pro Payroll interface has passed the hours worked to the company payroll, the agenda item changes and highlights the date and time of the successful Payroll interface.



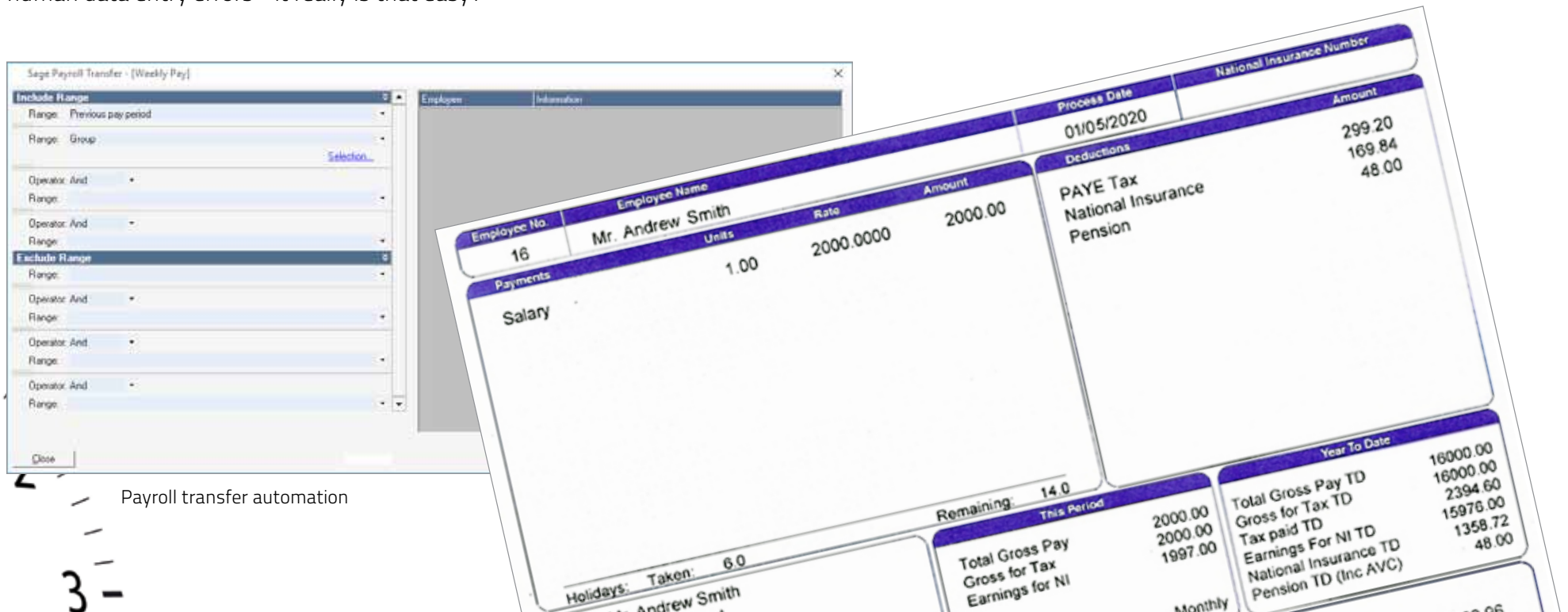




Once this feature has been configured, the process of passing data from North Time Pro to your payroll is as easy as 1, 2, 3 !

1. Ensure all line-managers have approved their staff overtime.
2. Click File, then Payroll, and select the correct company.
3. Press the 'Transfer' button !

Within seconds, the North Time Pro data is passed to your payroll, eliminating all human data entry errors - it really is that easy !



Payroll transfer automation

ESS at the terminal

Available to a customer's workforce as standard through the North Time Pro terminals or via a web browser through PCs, tablets or mobile phones, the capacity and scope of the facility is second to none.

North Time Pro ESS – empowering your employees

The second generation ESS really comes into its own as the terminals now have touch-screen technology fitted as standard. The following terminals based ESS functions are available as standard:

Absence management

Holiday entitlement request – individuals can check their holiday entitlement including number of holidays taken, holiday requests pending approval and remaining days.

Absence leave request – Individuals can request leave up to three years in advance. These requests are posted directly to the individual's manager's North Time Pro agenda for approval.

Absence leave cancellation – Individuals can request cancellation of previously approved leave.

Attendance

View my scheduled rota – individuals can now check what daily schedules they are planned to work, up to 31 days in advance.

Hours worked summary – individuals can select a previous period and check their hours worked at basic plus other overtime rates. Individual booking times can also be displayed.

General

Email-me! – This popular facility will instantly send an email to the individual's personal email address containing, rota, hours worked and absence management information.

Tokyo Terminal
Attendance / Job Costing / Cost Centre Analysis / Machine Control / ESS
Suitable for Various locations
Supports various proximity card tech.
Suprema fingerprint

By creating an interactive framework that shares intelligence between the hardware, firmware and software, the ESS facility is not only able to act as a portal enabling access to key information, it now offers the ability for individuals to initiate requests and to confirm questions from terminal.

North Time Pro's highly developed scripting language is now flexible enough to enable leave requests to be made from the terminal, messages to be sent to individuals, confirmation of message reads to be sent back to management and it is even possible to create integration links to third party system so information from different sources appears seamlessly at one point.

1. touch anywhere on the time and date screen

2. then touch the ESS button

3. next, prove who you are

4. now select timesheet information

ESS functions are also available at the weatherproof industrial terminal with the exception of absence leave request and cancellation.

ESS at the computer, tablet and mobile phone

Available to a customer's workforce as standard through the North Time Pro terminals or via a web browser through PCs, tablets or mobile phones, the capacity and scope of the facility is second to none.

North Time Pro ESS – empowering your employees

As the workplace becomes increasingly diverse, it is not always practical for employees to 'book' at a conventional, wall mounted terminal. In these types of situations, North Time Pro ESS can be used to provide an extensive range of functions accessible from both your company intranet or directly from the internet.

ESS
Employee Self Service

About me

- Display address and next of kin details
- Display employee's training matrix
- Display employment appraisal and achievement information
- View company documents

Absence management

- Graphical display of holidays booked, holidays taken and holidays remaining on login screen
- Facility for staff to check their own entitlement and remaining holiday balance
- Ability to check who else in their department has booked time-off before requesting their own time-off

Attendance

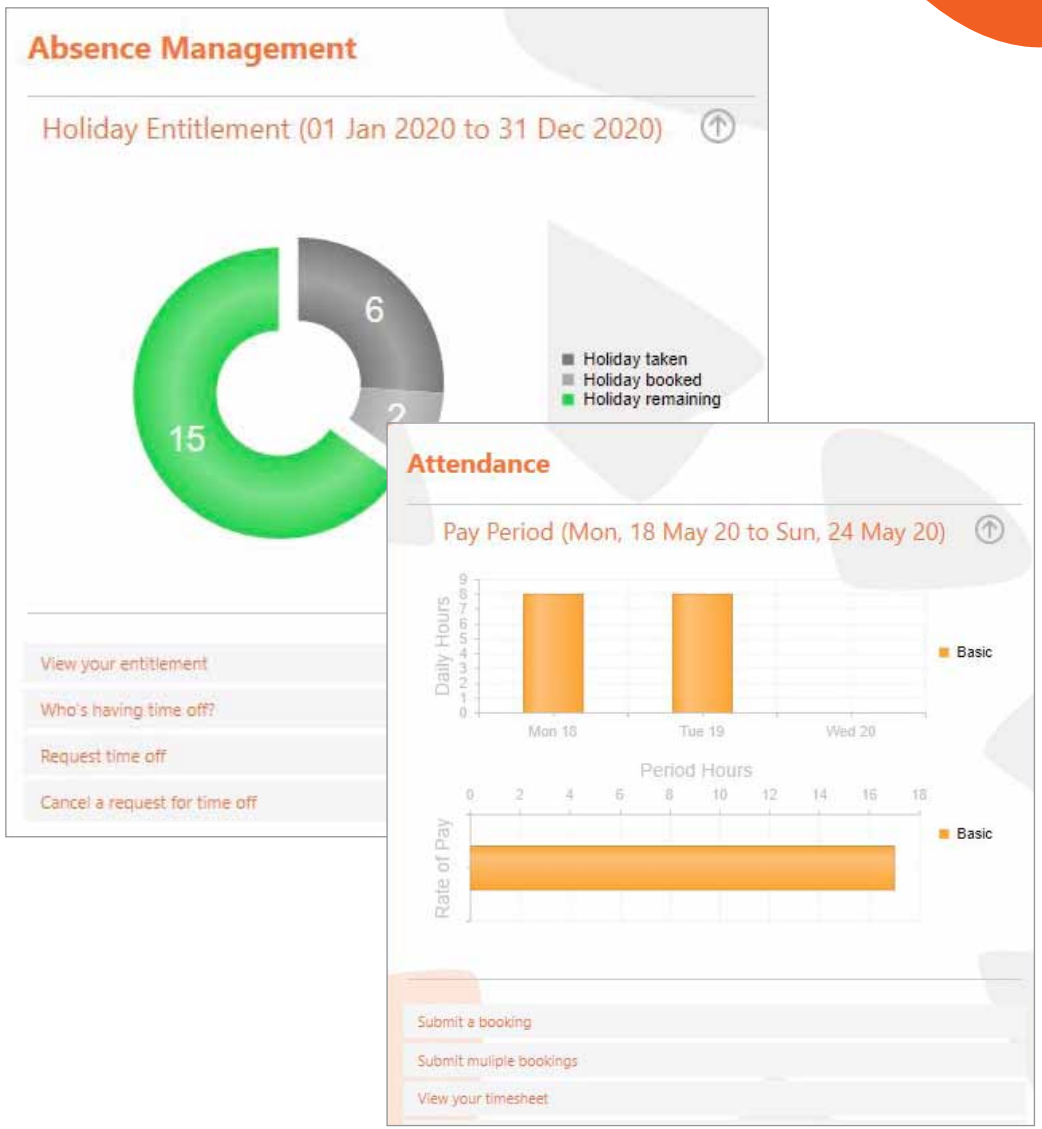
- GPS location stored at the point of booking
- Graphical display of basic and overtime hours worked for each day this week
- Adding a booking in real-time or retrospectively
- Facility to check work rotas

Job costing

- Adding a booking in real-time or retrospectively
- Facility to view timesheet

Cost centre analysis

- Adding a booking in real-time or retrospectively
- Facility to view timesheet



TWC (the web client)

Managers can now access key North Time Pro features when away from their desks.

TWC is a dedicated web browser interface, accessed online from any mobile, tablet or desktop. TWC provides managers with permission based, secure access to key North Time Pro features including:

General

- ADP (Attendance Display Panel) for a range of staff
- View staff rota

Personnel

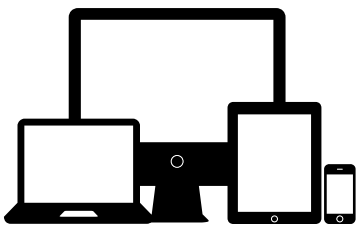
- View personnel records including training matrix

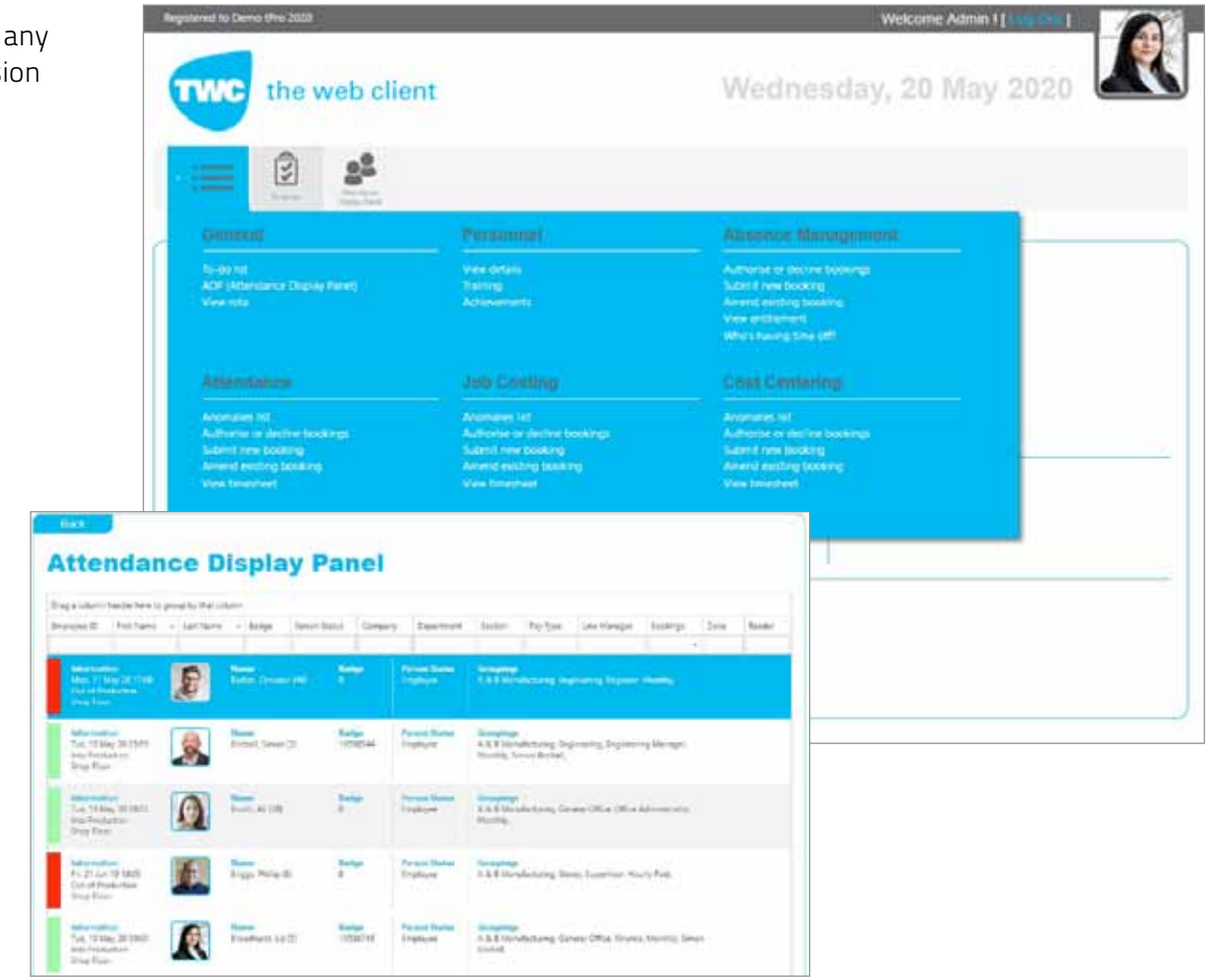
Absence Management (for selected staff members)

- Authorise or decline bookings
- Submit new booking
- Amend existing booking
- View entitlement

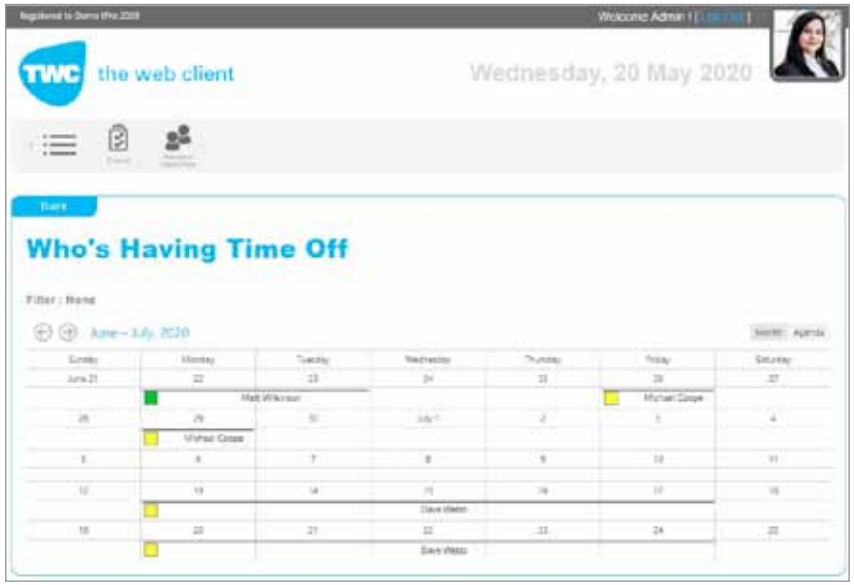
Attendance (for selected staff members)

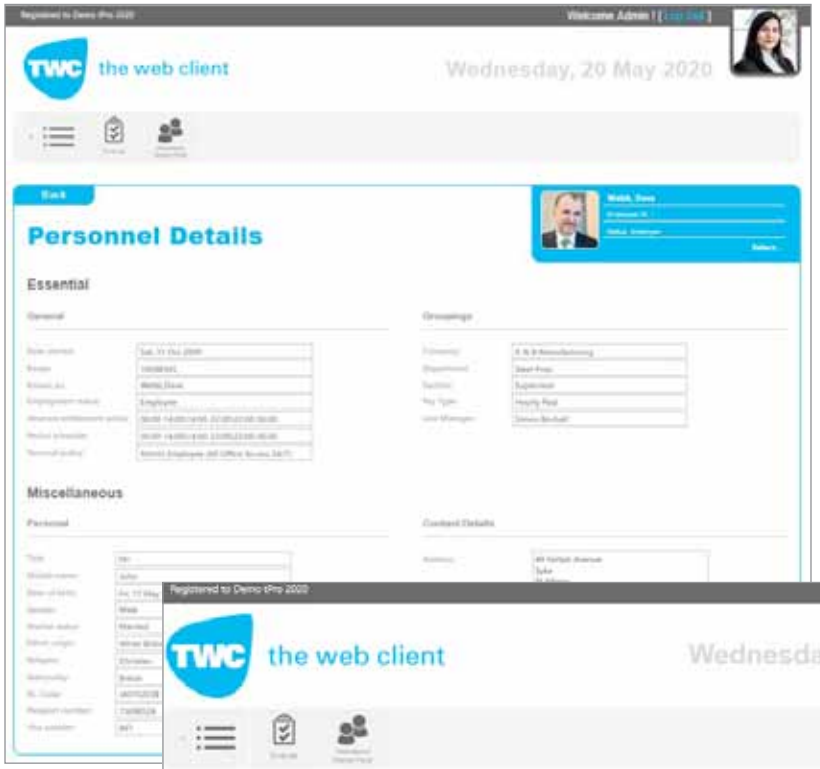
- Authorise or decline bookings
- Submit new booking
- View timesheet





TWC
The Web Client





North Time Roster System (NTRS)

This optional module will allow managers and administration staff to roster their workforce resources due to the needs of the business. This module offers the flexibility to create new shifts and work patterns easily and efficiently.

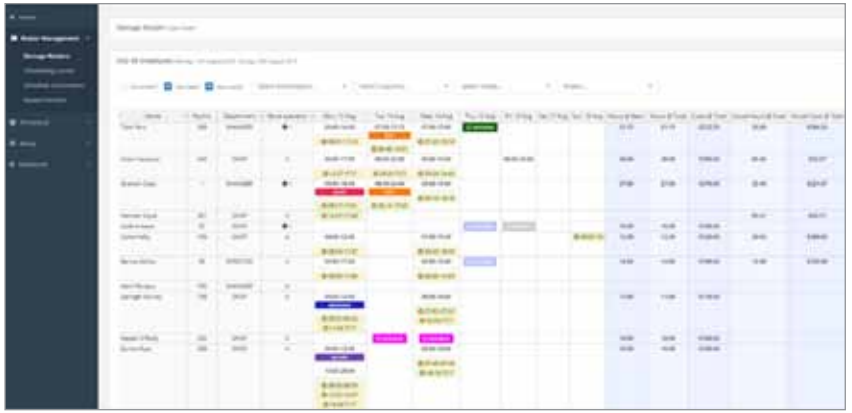
Maximise resources will full visibility of staff by location, department, job role when creating roster. Keep track of contracted hours and costs when creating your roster will give management staff more control and analysis of departmental costs.

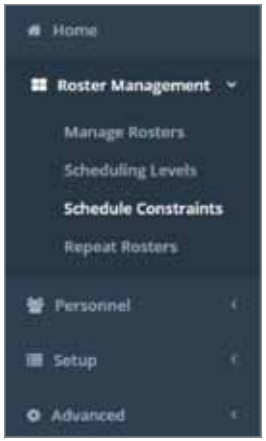
With Roster notifications, including:-

- Not rostered to work
- Late In
- Early Out
- Late Out
- Early In
- Shortfall in Hours

Makes reporting and updating the roster all completed at the click of a button.

Customise how much information you wish to review on the roster by dynamically switching personnel items, hours and various rates on or off as required.





Mon, 12 Aug	Tue, 13 Aug	Wed, 14 Aug	Thu, 15 Aug
09:00-14:00	07:00-15:15	07:00-15:00	TRAINING
08:31-17:13	DELI	07:25-15:19	Rest day
Shortfall (swipes) 03:42	06:49-14:51	Late in 00:25	
Early in 00:29	Early in 00:11	Late out 00:19	
Late out 03:13	Early out 00:24		

Customisation and integration...

Turning a great product into an turnkey solution.

North Time Pro has two unique selling points, its extensive customisation potential and its ability to integrate with other applications.

Customisation

Over 95% of businesses using North Time Pro Professional have implemented at least one unique customisation project. This means that the majority of North Time Pro customers benefit from a unique business tool that provides a maximum return on their product investment.

Customisation projects range from the simple to extremely complex. A simple example could be when a business requires that a new employee record cannot be created unless certain fields have been completed in the personnel module. An example of a more complex requirement could be work pattern related, where a shift allowance is awarded to an employee based on the time of the day and the day of the week that the shift was actually worked. Customisation is not limited to individual modules, for example a company may want managers to receive an email notification when an employee enters the building through an access controlled door but fails to make an attendance booking prior to the start of their shift.

Integration

North Time Pro has a proven track record of successful integration projects. These primarily involve connecting North Time Pro to another software package, for example a Payroll or HR system and processing data from one location to another.

In most cases, either North Time Pro or the third party software becomes the 'primary' system, feeding data to the 'secondary'. In the case of an HR system integration, new employee data may be entered into the HR system which in turn passes basic personnel data to North Time Pro. This simple process eliminates the problems associated with duplicate data entry and reduces the chance of human error. When a person leaves the company, the HR system is updated accordingly and the integration allows North Time Pro to class the person as a leaver, eliminating them from any further attendance or absence management processes.

Integration projects have included third party HR, Payroll, Job costing packages and access control systems.

A well planned customisation or integration project can turn a great product into an turnkey solution.

General Data Protection Regulation (GDPR)...

GDPR has arrived and it affects every business in the UK. North Time Pro's customisable GDPR controls ensure companies work within their own data protection rules.

The General Data Protection Regulation (GDPR) (Regulation (EU) 2016/679) is a regulation by which the European Parliament, the Council of the European Union and the European Commission intend to strengthen and unify data protection for all individuals within the European Union (EU).

What does this mean for a company using a North Time Pro workforce management system?

Customer care will organise a meeting where a North Time Pro technician will discuss your company's GDPR policy with your GDPR data controller.

This meeting will cover two main areas:

1. The way in which North Time Pro (UK) Ltd handles your company data which in turn will impact on the way our support team provides certain types of service.

   For example, your business may require that North Time Pro never removes personal data from site. This information must be recorded against your SLA notes to ensure we do not create an environment where a personal data breach could occur

2. The processing of personal data stored within the North Time Pro application. We will identify any personal information fields within North Time Pro that do not need to be recorded and take steps to ensure that they are made invisible.

   We will also discuss how long certain information needs to be kept by the company for people classed as employed or as a leaver. We will then create a series of GDPR housekeeping scripts that will ensure these rules are upheld.

Please note that North Time Pro will never delete any personal data. We think it is much safer that North Time Pro operates within your data controller's policies and highlights data that requires deletion. This will always be completed by your data controller and is fully audited.

Some example GDPR housekeeping scripts:

1. If North Time Pro is not being using as the primary HR system do not allow address information to be recorded.
2. If North Time Pro is not being using as the primary HR system do not allow National Insurance data to be recorded.
3. When an employee leaves the company, remove their biometric data within 24 hours.
4. When an employee leaves the company, remove all records of their future holidays and medical appointments within 24 hours.
5. When an employee leaves the company, delete all passwords to the North Time Pro app', the TWC and the ESS within 24 hours.
6. When an employee has left the company and after the statutory period, remove all attendance and absence information and personal data.

Working Time Regulations (WTR)...

A Working Time Indicator feature was incorporated into North Time Pro in the late 1990's and has remained part of the application throughout the product's development over the past twenty one years.

Why do we have Working Time Regulations?

This legislation was introduced to help employees maintain a healthy work-life balance by limiting the hours that they had to work each week and ensuring that adequate breaks are taken on a daily and weekly basis. The health and safety benefits to both the employee and employer are obvious: A healthy workforce is more productive and less likely to take days off sick.

Remember that some categories of work or job role are exempt from the regulations, including the police, armed forces, emergency services staff when dealing with an emergency and sometimes senior managers and people employed by family members.

The 48-hour working week

In the UK, unlike other EU Member states, we allow workers to opt out of the 48 hour working week limit. Quite often than not, the employer and or employees think that opting out means they are opting out of the whole regulation. This is not the case they are only opting out of the total hours limit which is currently set at 48 hours.

The Working Time Regulations apply to the majority of employees in almost every business in the UK and it was this fact that encouraged us to re-develop the WTR into a core feature for 2020.

http://www.hse.gov.uk/contact/faqs/workingtimedirective.htm

Rule 1

Maximum weekly working time

Workers have a statutory right to a maximum average working week of 48 hours.

Rule 2

Rest period

Workers are entitled to a rest break in each shift lasting more than six hours.

Rule 3

Daily rest period

Workers are entitled to 11 hours' consecutive rest between shifts each day.

Rule 4

Weekly rest period

Workers are entitled to one day off each week, or two days off every two weeks.

Rule 5

Night workers

Night workers should not exceed an average of eight hours in each 24-hour period.

Rule 6

Holidays

You must give everyone who works for you paid annual leave - unless they are genuinely self-employed.

Touchless Biometric Solutions...

Touchless BiometricsSolution with Fever Detection. Powerful surveillance tech that identifies users with pneumonia symptoms

Coronavirus Symptoms Alert

In public areas, the sanitary issue during this COVID-19 epidemic, is of utmost importance.

Especially when there is a global coronavirus outbreak that is contagious and hard to contain, people are worried about droplet infection and concerned about placing hands or fingers on the same sensor, doorknob, or handle where countless others have also placed theirs.

FEVER DETECTION with Computer Vision Technology

Most of the thermal cameras in the market are designed for industrial use. Such temperature detection may allow up to +/-2 degrees of deviation, which is simply not precise enough for human body temperature screening during a pandemic of diseases. In order to solve this problem, NTD combines the technology with infrared temperature detection to provide accurate and fast temperature screening during identity verication.

Fever Detection Specications

- Temperature Deviation: +/- 0.3 degrees
- Detection Distance: 25cm – 50cm
- Detection Speed: >0.5s
- Posture Angle Tolerance: +/-30 degrees

Access Control Terminal

Metal Detector

NT SpeedFace V5L[TD]

Facial Recognition Terminal with Fever Detection

- Fever detection & Palm recognition
- Identication of people with masks
- Enhanced visible light facial recognitoin
- Multiple verication with Fingerprint and Facial Recognition
- Dual-camera for real-time face detection
- Recognition distance: 0.3 - 3 m

NT Proface X[TD]

Facial Recognition Terminal with Fever Detection

- Fever detection & Palm recognition
- Identication of people with masks
- Enhanced visible light facial recognitoin
- Multiple verication with Fingerprint and Facial Recognition
- Dual-camera for real-time face detection
- Recognition distance: 0.3 - 3 m

NT-D3180S

Walk Through Metal Detector with Fever Detection

- Fever detection
- 18 detection zones
- 256 sensitivity levels
- 5.7" LCD display
- Counter for alarm and people
- Synchronous sound & LED alarm

NT SBTL8033

Touchless Entrance Control Solution with Fever Detection

- Fever detection & Palm recognition
- Identication of people with masks
- Palm recognition
- Fast and accurate visible light facial recognition with wide angle tolerance for masked individuals
- 0.3s high speed facial recognition
- Servomotor - faster opening speed
- 10 pairs of infrared sensors for stronger tailgate detection.
- Bi-directional operation control
- Led passage indicator in both directions

Attendance Hardware Options

See below some of the more popular time and attendance clocking terminals that are available along with some of the main features of each terminal. There are a significant number of attendance terminals that can be integrated with the North Time Pro workforce management software. If you have a specific terminal requirement, please advise as we are likely to have the same or similar technology available.

SilkBio-101TC

SilkBio-101TC is Time & Attendance Terminal and can come with SilkID fingerprint reader, face recognition and RFID card functions. With the new SilkID fingerprint reader, the operation remains stable under strong light source and high preciseness of verification of wet and rough fingers. With latest facial algorithm and the innovation features, SilkBio-101TC is bringing you a whole new experience.

uFace 401

The uFace401 Facial recognition time & attendance terminal supports up to 3000 face templates, 3,000 fingerprint templates and 10,000 cards (optional). With ZKTeco latest hardware platform and algorithm, it offers brand new UI and user-friendly operation interface to provide smooth user experience.

S680 Proximity

S680 is an RFID Time & Attendance Terminal with 3.5" TFT LCD.

With the adoption of the brand new firmware and the latest core board platform, S680 perfected its user-friendly interface and identification speed. It can also accommodate an external proximity reader when outdoor attendance registration is required.

SC705

SC705 is a new generation of RFID terminals for Time Attendance applications with color and touch displa

SC705 is a 13.56 MHz proximity attendance management terminal incorporated with 3" TFT LCD. The color display and touch screen operation offers a user-friendly and easy menu management. The integrated push sdk protocol allows the terminal to communicate in real time to attendance management software through Ethernet, Wifi or external POE.

North Time Pro Tokyo terminal

The newly released North Time Pro Tokyo v13 terminal utilises the latest in Windows 10 technology. This coupled with the Suprema fingerprint reader technology means the functionality options for this terminal are endless.

S922 Mobile terminal

The S922 is specifically designed for off-site time management, such as construction sites, logistic industries, large farms, and the mining industry. The terminal comes with backup battery as standard and uses a mobile phone data sim card to send attendance data back to the software when no network infrastructure is available onsite. Top handle with rubber coating enables users to carry easily.

Access Control Hardware & Software options

As a professional access control software, NTAccess is designed to manage a wide rangeof access control panels and standalone access control terminals. It's a desktop software which is suitable for small and medium businesses application. The brand new at GUI design and humanized structure of new NTAccess will make your daily management more pleasant and convenient. The default database setup is in Microsoft Office Access and has support for SQL Server 2005 and above.

- Server-Client Administration and Monitoring Software for NTAccess Standalone Controllers
- Easy to Use, Menu-Driven Dashboard Displays Quick Links to All Common Operations
- Real Time Event Monitoring With Door Status Icons & Photo Pop-Ups of personnel
- Simple Fill-In-the-Blanks Enrolment of Personnel
- Includes Embedded Fingerprint Registration Tool For using Biometric Readers
- Can Link Personnel To Photos For Visual Verification
- Maps and Floor plans Can Be Imported for Site-Specific Door Management
- Alarms and Exception Events Are Logged with Email Notification
- Advanced Access Control Features Are Easily Programmed
- Anti-Passback
- Door Interlocks for Mantrap Control Applications
- Multi-Card Opening Groups for High Security Doors
- One Click Database back-up
- Detailed User Roles Are Easily Created to Allow Different Levels of Password-Protected Management of the System
- All software modification actions are internally logged for later review

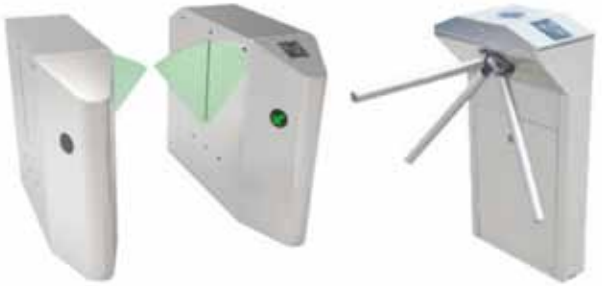
Below is a selection of the access control hardware that can be controlled with the NT Access control software.

MB800

F22

TF1700

North Time Pro Access Control



Half Height Turnstiles

Full Height Turnstile

Customer care

Once the North Time Pro system has been implemented we believe that it is our responsibility to ensure that the system always runs smoothly. The North Time Pro customer care team achieve this goal by working closely with each client in a pro-active manner.

It is the customer care team's responsibility to ensure that all customers are satisfied with their North Time Pro product and consequently they are responsible for making care calls, organising additional training and managing the support team.

A member of the North Time Pro customer care team will contact each client regularly to check that the system is functioning correctly, ensuring potential problems are addressed before they can be classed as an incident.

Training

Customer care can organise training courses with full documentation which aim to teach staff from each department how to realise the total potential of North Time Pro.

Your place or ours?

Training can be carried out at your business premises anywhere in the UK and Ireland

Courses and Certification

Courses can be created for each customer's individual needs. There are however, a set of standard courses which cover such topics as basic introduction, personnel, access control and job costing.

All training courses carry authorised certification.

NorthTime Pro Certified OPERATOR

We can offer training courses for all staff either at your location or at our HQ in Lisburn.

The course is either half day or full day and is aimed at standard shift and flexi time users implementing advanced administration tasks such as setting up work patterns, new system users and associated permission groups.

Other items covered on the course will include:-

- Personnel
- Sort & Filter
- Reporting
- Exports
- Adjustments
- Absences
- User management
- Managing Groupings
- Managing drop down lists within the software
- Setting up daily schedules
- Setting up period schedules
- Completing a recalculation
- System over rides (when & where to use)
- Hints & Tips for effective use of the system
- Hardware(Terminal) interface training

Half/Full day courses run from 09:30 – 12:30 and 13:30 – 16:30 respectively.

Other options available on request.

Prices for these courses vary so please contact us for more information.

North Time Pro SLA

Sometimes things go wrong and usually at the most inconvenient time. When this happens, the North Time Pro support team are ready to help you get back on track!

What is North Time Pro SLA?

North Time Pro SLA is the name given to the support agreement that North Time Pro Ltd offers to all of its customers. Each SLA agreement contains details of the customers' designated support level agreement (SLA).

The SLA covers both software and hardware.

Before you purchase a new system, the extent of your North Time Pro SLA will be documented within your quotation. Usually this includes a twelve month software support agreement and a twelve month hardware warranty.

NTD offer 3 levels of SLA support agreement. These are as follows:-

Bronze (Standard) | Silver | Gold

If you would like to discuss or avail of the features of the extended Silver or Gold level agreements, please contact our Customer Support Manager who will be happy to review your current arrangements and discuss in options in detail.

How will the North Time Pro support team help?

Within customer care we have a full-time, office based support team that are available to answer your questions between 9.00 – 17.00, each weekday.

When addressing an incident, the support team utilise remote desktop support technology to access your PC, (with your permission), to identify and rectify the reported problem. Members of the support team have also worked in the development team and as a result, are able to provide an extremely high level of technical product knowledge.

North Time Pro SLA

To log a system support issue training request, please follow the instructions below.

Got to **www.ntdltd.com**

Click on the icon below, from home screen.

Click on Open a New Ticket to create a new request

or Check Ticket Status to review or update a current request.

If you have any queries, please do not hesitate to contact a member of the Support team on 028 9260 4000.

VPN
Virtual Private Networking

TeamViewer

LogMeIn Rescue

Remote Desktop
Connection

North Time Pro installations

Facial Recognition Turnstile

Facial Recognition Access Control

Hughes Group Full Height Turnstile

Fingerprint Access Control at Carson McDowell

NT-Proface X Facial Recognition access control at NTD HQ

Ryobi Access Control Turnstiles and Barriers

NTP101 facial recognition terminal

NT-Speedface(TD)
Temperature Detection Terminals.

NTD Sign In Visitor Management

The NTD sign in system provides you with a complete and cohesive approach to managing site access in your company. It gives you maximum traceability for all your staff, contractors and visitors.

Create the right first impression to perspective clients and companies by providing a modern and professional greeting to your reception area. Visitors can sign in and access your site through our modern and stylish touchscreen interface.

The InVentry system is designed with both security and efficiency in mind. Our sign in software, applications and equipment have been developed to be the most reliable of their kind.

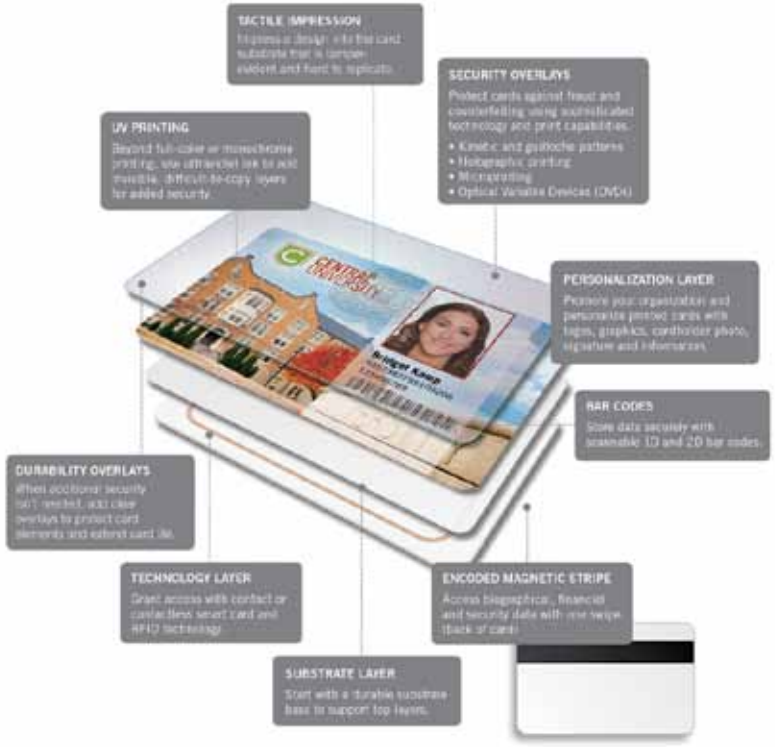
- Secure – always know who is onsite at any given time.
- Professional – create the right impression first time, every time.
- Advanced – cutting edge software designed so anyone can use it.

ID Card Systems & Products

Access Cards. One-stop shop for all your card requirements

Whatever your ID card requirements, NTD have the solution. We supply plain and pre-printed cards or cards for use in conjunction with Access Control, Time and Attendance, Cashless Vending etc – a few manufacturers of which can be seen below. For extra security, we also offer a host of options to ensure your cards retain the highest integrity.

Let us know your requirements and we will provide you with a very competitive quote.



Accessories. Display cards safely and comfortably for easy identification.

NTD offers a wide range of accessories to enhance your security operations from standard lanyards (plain or printed) to card holders, clips, chains, plastic wallets and card reels. Moreover, customised accessories are proven to increase brand awareness and customer loyalty. For more information on our ID accessories range, please feel free to contact us directly today via phone or email.

Are you paying too much for your access control cards?

Northern Ireland's Largest ID card supplier

Radius manages 33,000 quality social housing properties throughout Northern Ireland. This includes sheltered housing for the over 55's and general needs housing for families and single people. We also offer a range of specialist care and support facilities for the frail elderly, people with dementia and learning disabilities, homeless people and victims of domestic violence.

For the safety of all our residents, we make it a requirement for all staff and contractors working on our behalf to show ID.

Visible ID is also a necessity in the office environment. By using different coloured lanyards provided by NTD staff, visitors and contractors can be identified quickly in an area where they shouldn't be.

It is therefore important to us to have a local reputable supplier. NTD has been invaluable installing and setting up the ID system which enables Radius to take control of the ID card production on site and ensures that we have the consumables we need promptly.

Radius HOUSING

Over 2,000 customers

Accessories

Display cards safely and comfortably for easy identification

COTAG
HID
INDALA
MIFARE
NXP
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